BCS

GUI
User Guide

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London
Stock Exchange Group

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1.0 Introduction

This section introduces the BCS GUI application main features and provides with basic information aimed at its correct use.

1.1 About BCS

BCS for IDEM is a GUI application allowing a clearing member to execute clearing operations on IDEM Derivatives markets traded financial products.

The application allows to:

- Receive trades executed by members in real time and their own non-clearing members in the current trade date and in the last trading days
- Perform transfer, split, open/close and client code change operations
- View the history of a specified trade
- Receive positions in real time and perform rectify, transfers, subaccount change and exercise operations
- Manage exercise and assignments operations
- Manage expiry operations
- Access a set of Post Trade Risk Management functionalities on Positions, Trades and Margins
- Manage subaccounts
- Download clearing reference data
- Receive intraday margin calls and messages from the clearing system
- View deposited guarantees
- Receive and save settlement reports provided by the clearing system

1.2 Work environment

BCS is based on a client-server architecture: the server layer is located at one of the IDEM server farms and connected to the Clearing system and markets through their network access points. On the other hand, the client layer should be installed on the clearing members' work environment.

BCS GUI is the comprehensive solution for all IDEM clearing functionalities. The electronic platform supporting the client application is structured to make its access independent from the technical frame features of central systems.

1.3 How to get started

In order to access to the clearing services through BCS, the user needs a login name, a password and a Member Code. These data have to be requested to Borsa Italiana.

BCS GUI can be downloaded from the Borsa Italiana website (www.borsaitaliana.it) and installed on one or more members' PCs. The BCS GUI needs Java Virtual Machine V.1.6 or higher. A compatible version of the JVM will be installed during the setup process of the BCS GUI.

The client can be used to reach production (PDC/SDC) or test environment (CDS). By default the Client will point to the production environment. The user can select the desired environment at the startup in the login window.

Before starting the application, is warmly suggested to the user to uninstall any previous version of the BCS GUI and to test the connectivity from the local desk to the BCS application servers. This involves the following steps:

- close the BCS GUI if running;

- verify with the customer network department if a natted IP address is used to reach the BCS application servers instead of the real addresses

If the real IP address is used:

- go into the BCS GUI installation directory (usually C:\Program Files\Borsa Italiana\BCS Client XXX\) and locate the GKApi_J_Version.xml" file in the "etc\Server" directory.

- verify that the file contains the real IP addresses of the BCS application servers; the IP address should be specified in the "TCP_IP" tag of each application server

```
<SERVER name="BCSPRODUCTIONSERVER">
    <TCP_IP>Insert here</TCP_IP>
    <TCP_PORT>34900</TCP_PORT>
    <KEEPALIVE_TIMEOUT>20</KEEPALIVE_TIMEOUT>
    <TRANSPORT_BUFFER>1024</TRANSPORT_BUFFER>
    <APPLICATION_WINDOW_SIZE>20000</APPLICATION_WINDOW_SIZE>
    <TRACE_LEVEL>ERR</TRACE_LEVEL>
    <TRANSACTION_BUFFER_SIZE>2000</TRANSACTION_BUFFER_SIZE>
    <SUBSCRIPTION_BUFFER_SIZE>2000</SUBSCRIPTION_BUFFER_SIZE>
    <INQUIRE_BUFFER_SIZE>2000</INQUIRE_BUFFER_SIZE>
    <TCP_BUFFER_SIZE>10240</TCP_BUFFER_SIZE>
</SERVER>
```

• telnet the BCS application server IP addresses and ports from the user local PC;

• if the telnet does not work, please verify with the customer network department if the telnet attempt is filtered by any internal firewall;

If a natted IP address is used:

• go into the BCS GUI installation directory (usually C:\Program Files\Borsa Italiana\BCS Client XXX\) and locate the GKApi_J_Version.xml" file in the "etc\Server" directory;

• change the file replacing the real IP addresses with the natted ones; the ip address should be specified in the "TCP_IP" tag of each application server

```
<SERVER name="BCSPRODUCTIONSERVER">
```

```
<TCP_IP>Insert here</TCP_IP>
<TCP_PORT>34900</TCP_PORT>
<KEEPALIVE_TIMEOUT>20</KEEPALIVE_TIMEOUT>
<TRANSPORT_BUFFER>1024</TRANSPORT_BUFFER>
<APPLICATION_WINDOW_SIZE>20000</APPLICATION_WINDOW_SIZE>
<TRACE_LEVEL>ERR</TRACE_LEVEL>
<TRANSACTION_BUFFER_SIZE>2000</TRANSACTION_BUFFER_SIZE>
<SUBSCRIPTION_BUFFER_SIZE>2000</SUBSCRIPTION_BUFFER_SIZE>
<INQUIRE_BUFFER_SIZE>2000</INQUIRE_BUFFER_SIZE>
<TCP_BUFFER_SIZE>10240</TCP_BUFFER_SIZE>
</SERVER>
```

- save the file
- telnet the natted IP addresses and ports from the user local PC;
- if the telnet does not work, please verify with the customer network department if the telnet attempt is filtered by any internal firewall;

Please notice: the user is not allowed to put chars ';' and '=' in free fields; otherwise an error message will be shown on the GUI.

1.4 Disaster Recovery Invocation

In case of Disaster Recovery invocation, in order to correctly reach the SDC application servers, the user should restart the BCS GUI and select “SDC” in the environment field of the login window.

1.5 Clearing calendar

The CommonApplication.config configuration file, in the \etc\client directory, allows the user to define bank holidays rules for the current year.

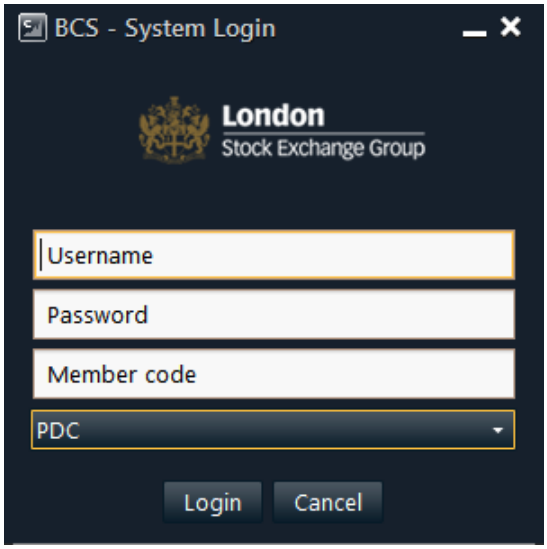
An example of the holiday configuration file is shown hereafter:

```
HOLIDAYS=*SUNDAY;*SATURDAY;01/01;$EASTER;$EASTER+1;$EASTER-1;$EASTER-
2;01/05;15/08;$CHRISTMAS;$CHRISTMAS+1;$CHRISTMAS-1;31/12
```

Where:

- " ; " = Field separator character
- *SUNDAY = every Sunday of the year
- *SATURDAY = every Saturday of the year
- $EASTER = Easter date
- $CHRISTMAS = Christmas date
- $EASTER +/- n° = Easter + or – specific number of days
- $CHRISTMAS +/- n° = Christmas + or – specific number of days
- dd/mm = specific date of the year

1.6 Login



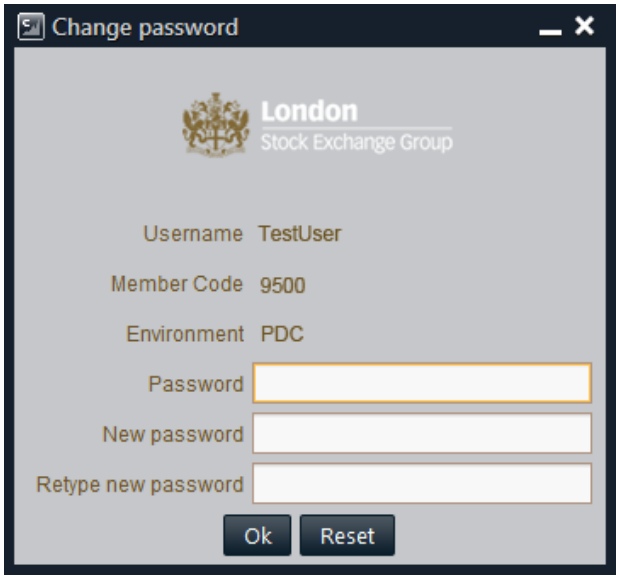
In order to access the BCS clearing system, the login procedure should be correctly completed by the user. Username, Password and Member Code should be specified in the corresponding fields of the login window. The user should specify the environment he would like to login before clicking the Login button.

PDC: Production environment
CDS: Test environment

At the first login the password change is required.

1.7 Change Password

It's possible to change the password clicking on *Change Password* in the File menu. The following window will be shown.



The following steps should be performed:

1. Insert the current password in the *Password* field;
2. Insert the new password in the *New Password* and in the *Retype new password* fields;
3. Press the *OK* button to confirm.

A confirmation message will be shown informing that the transaction has been correctly sent.

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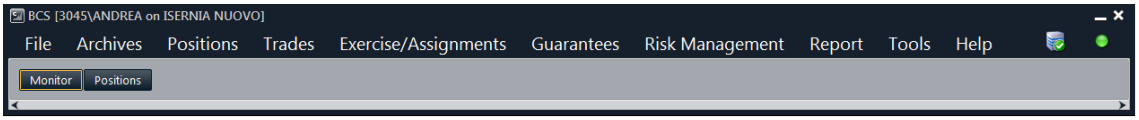
2.0 Application layout

This section will go thorough the BCS GUI layout, including the description of the work environment and the basic functions for the data management.

2.1 Main Menu

After the user has been authenticated, the BCS Main Menu will be shown on the screen. The Windows bar on the upper side of the Main Menu shows the username and the environment the user is connected to. The Main Menu is made up of two sections: Menu Bar and Active Windows Bar.



Menu Bar

The Menu Bar contains the following menus and commands:

File

Menu	Description
Login	Shows the login prompt
Settings	Allows to access the main settings of the BCS application
Save Environment	Saves the windows configuration
Change Password	Changes the current password
Exit	Performs the logout

Archives

Menu	Description
Markets	List of the available markets
Classes	List of the classes
Tradable Series	List of the tradable series
Participants	Clearing members list
Non-Clearing members	List of own non-clearing members (for GCM only)
Sub Accounts	Configuration/management of secondary accounts for every clearing member
Automatic Give-up	Configuration/management of client codes for automatic give-up functionality

Positions

Menu	Description
Positions	Allows to manage positions registered in the clearing system. It is possible to see the list of open positions and access the functions of Rectification, Transfer, Subaccount Change and Early Exercise. It's also possible to add positions to Custom Portfolios for Risk Management activities

Trades

Menu	Description
Trades	Allows to manage executed trades registered in the clearing system. It is possible to see the list of trades, the history of a single trade and access the functions of International Give-Up, Trade Transfer, Split, Open/Close Change and Client Code Change.

Exercise/Assignments

Menu	Description
Early Exercise	Allows to access the function of Early Exercise Request.
Expiry Exercise (Exercise By Exception)	Allows to access the function of Exercise By Exception (Ex By Ex) and see the list of exercises at expiry proposed by the clearing system.
Exercise Request History	List of Early Exercise Requests and Expiry Exercises (Exercise By Exception) Requests sent to the clearing system by the clearing member (and its NCM's).
Assignments	List of Assignments received by the clearing system for the clearing member (and its NCM's).

Risk Management

Menu	Description
Trades Limit	Allows to manage the list of trade limits of the clearing member (and its NCM's) and it shows the alarms list.
Positions Limit	Allows to manage the list of position limits of the clearing member (and its NCM's) and shows the limit values of the current business day.
Margin Limits	This function will be soon available. Allows to manage the list of portfolios of the clearing member (and its NCM's) and shows the margin limit values for the current business day.
What If	This function will be soon available. Allows to calculate in advance the margin amount that the clearing system will ask to the member in case of a change on a the current open positions.

Guarantees

Menu	Description
Collateral guarantees	List of Collateral guarantees
Deposited guarantees	List of Deposited guarantees

Report

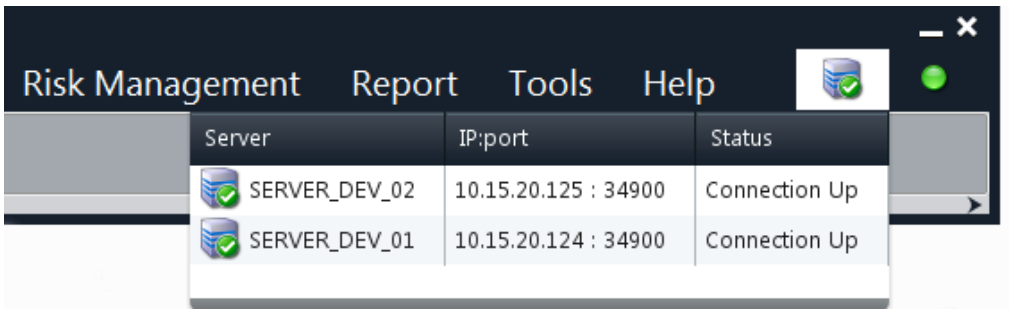
Menu	Description
Report	List of available clearing reports

Tools

Menu	Description
Monitor	Shows the main activities of the clearing member (and its NCM's) in real time
Intraday Margin Calls	Intraday margins requested by CC&G

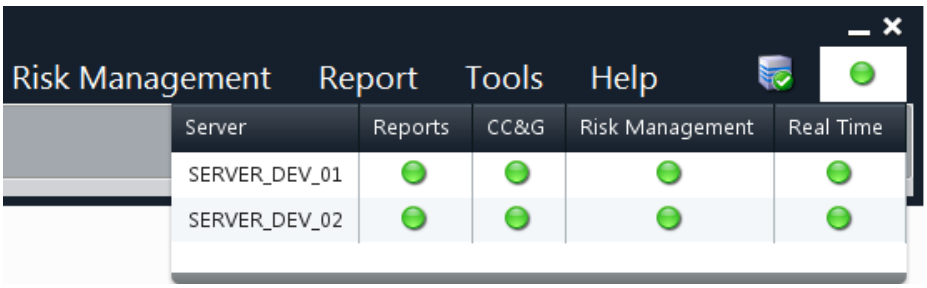
The menu bar also contains two status lights:

1. BCS Server Connection Status



It shows the connection status of the BCS GUI to the BCS application servers (green/red);

2. BCS Server Components Status



It shows the status of the BCS server components (green/red).

- If the Reports component is not available (red), clearing reports file could not be downloaded; any update about the reports availability will not be sent to the user. Any other clearing function will be available;

- If the CC&G component is partially unavailable (yellow), it will not be possible to submit transactions to the clearing system; historical data could not be downloaded; the trade history function will not be available;

  If the CC&G component is totally unavailable (red), it will not be possible to submit transactions to the clearing system; real time updates will not be available; historical data could not be downloaded; the trade history function will not be available; clearing reports will be available;

- If the Risk Management component is not available (red), it will not be possible to receive alarms and margin values updates and it will not be possible to change the limit and portfolios definition. Any other clearing function will be available;

- If the Real Time component is not available, it will be possible to send submit transactions to the clearing system, anyway data shown in the GUI may not be updated;

Active Windows Bar

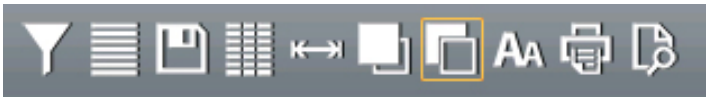
This bar shows a button for every active window of the GUI. Clicking on a button will open the corresponding window.

2.2 Windows layout

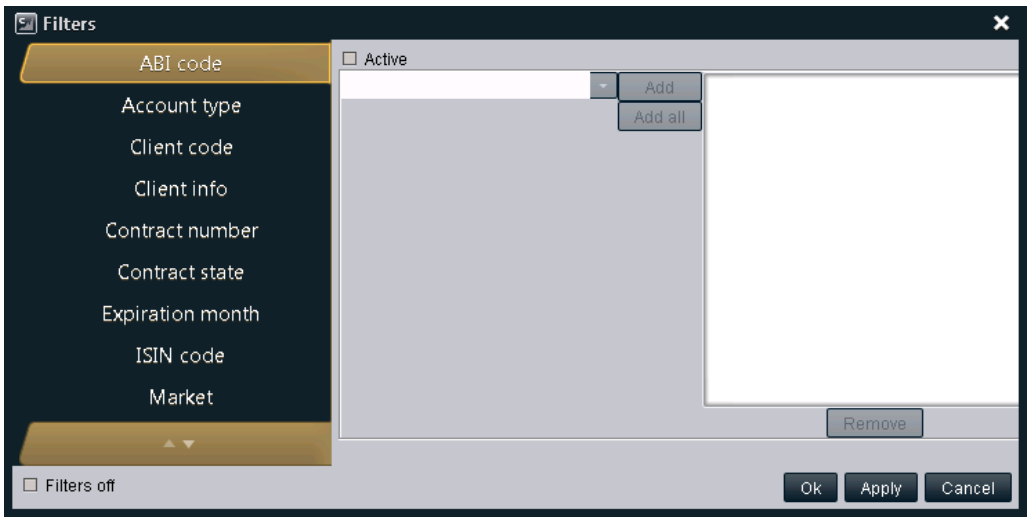
This section describes the layout of the BCS windows and the basic functions which can be executed in order to manage, sort, filter and export data.

Toolbar

The main windows of the BCS GUI have a toolbar on the top which contains a basic set of functions.



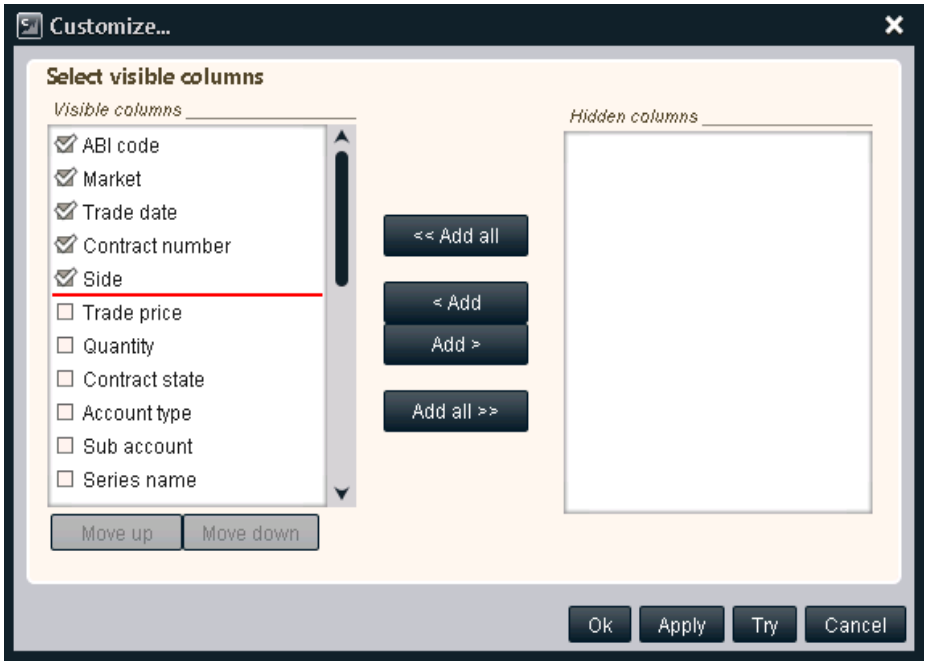
The *Filter* button allows to enable a set of background filters on the displayed data. Where allowed, regular expressions can be used (See Appendix A: Regular Expressions).



The *Select All* button allows to select all the rows of the table.

The *Save* button allows to export the content of the table into a Microsoft Excel file or to an ASCII/PDF file.

The *Customize* button allows to select which columns to show in the table and in which order. It's possible to select which columns have to be shown in the fixed part of the table moving them over the red slider.



The *Autofit* button allows to automatically resize the columns width in order to fully show the data contained in the cells of the table.

The *Foreground* button allows to select the foreground color of the rows of the table

The *Background* button allows to select the foreground color of the rows of the table

The *Font* button allows to select the font of the data displayed in the table

The Print button allows to print the data of the table. Only data shown on the screen is printed: hidden columns, if any, or filtered data will not be printed.

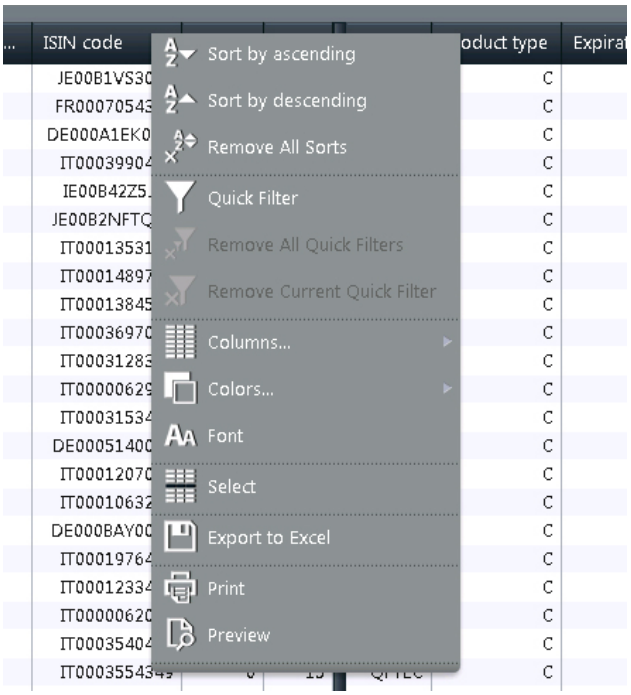
The *Print Preview* button allows to have a preview of the data before it will be printed

Business Date Bar

A Business Date Bar is present in the windows of the BCS GUI where previous days data are available. By default, the current business day is selected. In order to download data from a specific business date, the user should click on the “+” button next to the current business day tab and select the date of interest (up to T+5). A new tab will be shown in the bar, allowing to download data of the selected business date and to access the other clearing functionalities. It’s possible to switch between any active tab of the Business Date Bar in any time. Any tab will be automatically updated in case of a change on the displayed data, even if the tab is active in background.

Table functions

It's possible to access a basic set of functions for the data management right clicking on the table header of every BCS window.



The *Sort By Ascending* button allows to sort the data of the column in ascending order.

The *Sort By Descending* button allows to sort the data of the column in descending order.

The *Remove All Sorts* button allows to remove any sort previously defined on any column of the table.

The *Quick Filter* button allows to filter the rows of the table basing on a value of the selected column.

The *Remove All Quick Filters* button allows to remove any filter previously defined on any column of the table.

The *Remove Current Quick Filter* button allows to remove a filter previously defined on the selected column of the table.

The *Columns* button allows to access a submenu with the following functions: *Hide Column*, *Customize*, *Autofit Column* and *Autofit All*.

The *Colors* button allows to access a submenu with the following functions: *Background* and *Foreground*

The *Font* button allows to select the font of the data displayed in the table

The *Select* button allows to select all the rows of the table basing on a value of the selected column

The *Export to Excel* button allows to export the content of the table into a Microsoft Excel file.

The Print button allows to print the data of the table. Only data shown on the screen is printed: hidden columns, if any, or filtered data will not be printed.

The *Print Preview* button allows to have a preview of the data before it will be printed

2.3 Saving and closing windows

The Save Environment function, in the File menu of the Main Menu, allows to save the windows current configuration (i.e. filters, characters, colors, sort criteria, etc…).

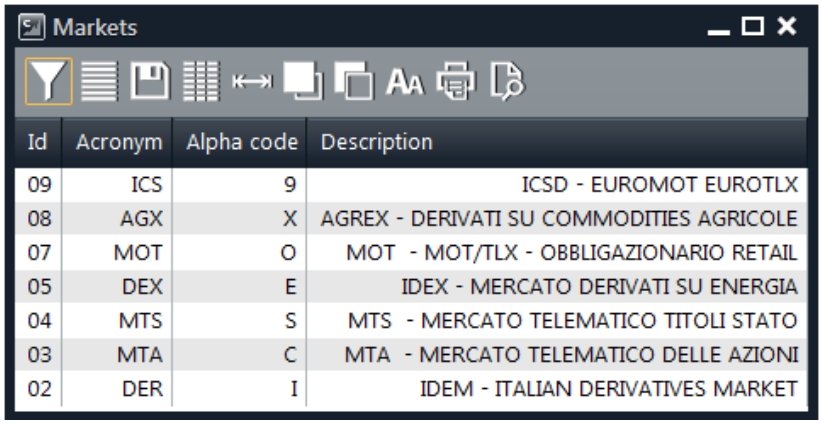
The configuration is saved before closing and exiting the BCS client.

3.0 Archives

This menu allows users to access clearing reference data like available markets, product classes, tradable series and clearing members. It allows also to manage sub accounts and automatic give-up codes.

3.1 Markets

The Markets window shows the information concerning the markets to which the member belongs to.



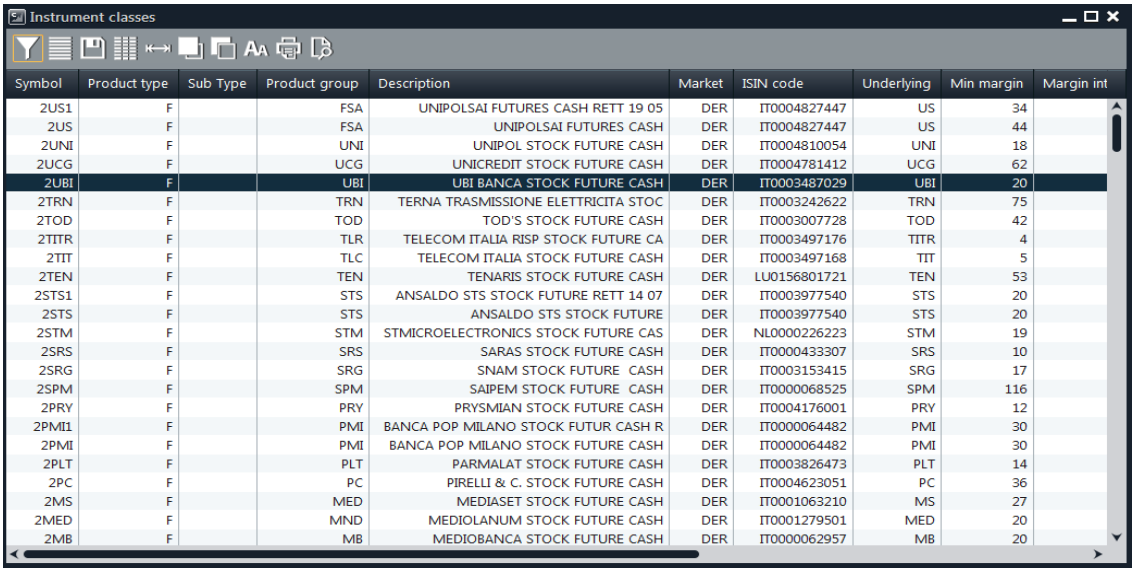
Id	Acronym	Alpha code	Description
09	ICS	9	ICSD - EUROMOT EUROTLX
08	AGX	X	AGREX - DERIVATI SU COMMODITIES AGRICOLE
07	MOT	O	MOT - MOT/TLX - OBBLIGAZIONARIO RETAIL
05	DEX	E	IDEX - MERCATO DERIVATI SU ENERGIA
04	MTS	S	MTS - MERCATO TELEMATICO TITOLI STATO
03	MTA	C	MTA - MERCATO TELEMATICO DELLE AZIONI
02	DER	I	IDEM - ITALIAN DERIVATIVES MARKET

Table columns description:

Id	Market identification code
Acronym	Market identification name
Alpha code	Market alphanumeric code
Description	Market description

3.2 Classes

The Classes window shows the list of the classes of the markets to which the member belongs to. A class is a group of derivatives instruments, options or futures, with the same underlying.



Symbol	Product type	Sub Type	Product group	Description	Market	ISIN code	Underlying	Min margin	Margin int
2US1	F		FSA	UNIPOLSAI FUTURES CASH RETT 19 05	DER	IT0004827447	US	34	
2US	F		FSA	UNIPOLSAI FUTURES CASH	DER	IT0004827447	US	44	
2UNI	F		UNI	UNIPOL STOCK FUTURE CASH	DER	IT0004810054	UNI	18	
2UCG	F		UCG	UNICREDIT STOCK FUTURE CASH	DER	IT0004781412	UCG	62	
2UBI	F		UBI	UBI BANCA STOCK FUTURE CASH	DER	IT0003487029	UBI	20	
2TRN	F		TRN	TERNA TRASMISSIONE ELETTRICITA STOC	DER	IT0003242622	TRN	75	
2TOD	F		TOD	TOD'S STOCK FUTURE CASH	DER	IT0003007728	TOD	42	
2TITR	F		TLR	TELECOM ITALIA RISP STOCK FUTURE CA	DER	IT0003497176	TITR	4	
2TIT	F		TLC	TELECOM ITALIA STOCK FUTURE CASH	DER	IT0003497168	TIT	5	
2TEN	F		TEN	TENARIS STOCK FUTURE CASH	DER	LU0156801721	TEN	53	
2STS1	F		STS	ANSALDO STS STOCK FUTURE RETT 14 07	DER	IT0003977540	STS	20	
2STS	F		STS	ANSALDO STS STOCK FUTURE	DER	IT0003977540	STS	20	
2STM	F		STM	STMICROELECTRONICS STOCK FUTURE CAS	DER	NL0000226223	STM	19	
2SRS	F		SRS	SARAS STOCK FUTURE CASH	DER	IT0000433307	SRS	10	
2SRG	F		SRG	SNAM STOCK FUTURE CASH	DER	IT0003153415	SRG	17	
2SPM	F		SPM	SAIPEM STOCK FUTURE CASH	DER	IT0000068525	SPM	116	
2PRY	F		PRY	PRYSMIAN STOCK FUTURE CASH	DER	IT0004176001	PRY	12	
2PMI1	F		PMI	BANCA POP MILANO STOCK FUTUR CASH R	DER	IT0000064482	PMI	30	
2PMI	F		PMI	BANCA POP MILANO STOCK FUTURE CASH	DER	IT0000064482	PMI	30	
2PLT	F		PLT	PARMALAT STOCK FUTURE CASH	DER	IT0003826473	PLT	14	
2PC	F		PC	PIRELLI & C. STOCK FUTURE CASH	DER	IT0004623051	PC	36	
2MS	F		MED	MEDIASET STOCK FUTURE CASH	DER	IT0001063210	MS	27	
2MED	F		MND	MEDIOLANUM STOCK FUTURE CASH	DER	IT0001279501	MED	20	
2MB	F		MB	MEDIOBANCA STOCK FUTURE CASH	DER	IT0000062957	MB	20	

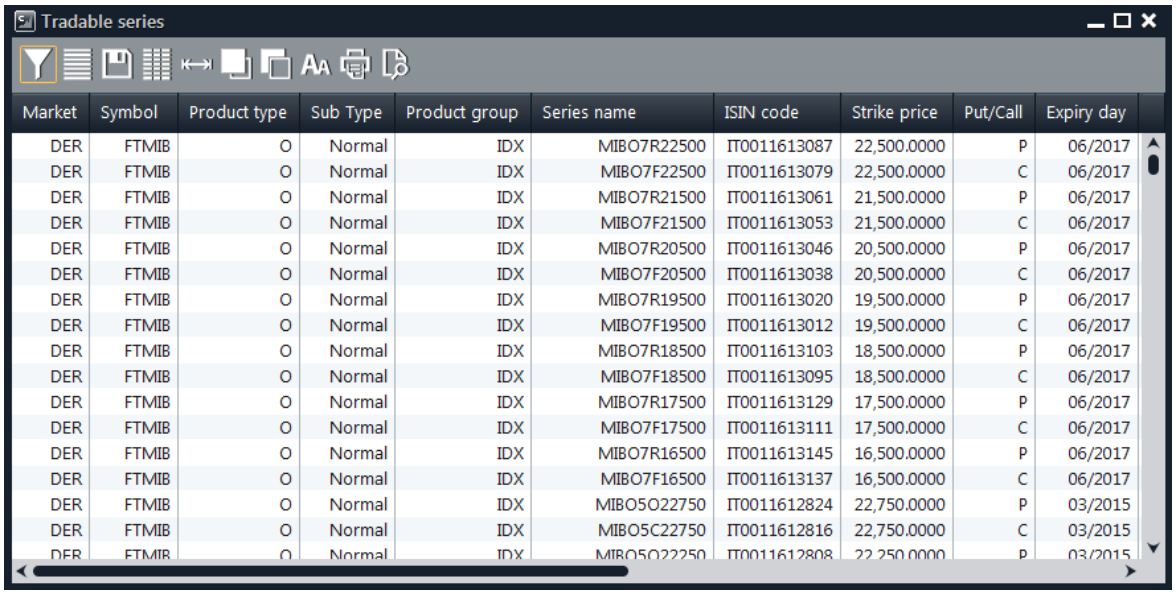
Table columns description:

Symbol	Class Name
Product Type	Product type (B = bond, C = equity and fund quotes, F=future, O= option, R = repo, V= convertible, W = warrant)

Product Group	Underlying Symbol
Description	Class Description
Market	Trading market
ISIN Code	ISIN code of the underlying
Underlying	Underlying
Margin interval	Maximum upward/downward expected deviation of the underlying price
Settlement Type	Settlement type of a financial contract (ST = settled, CSH = cash settled, FUT = future style)
Contract size	Number of shares underlying a standard contract
Option Underlying type	Financial instrument type (Bond, Equity, Index)
Option Style	Option style (American, European)
SubType	Instrument type (N=Normal, W=Weekly, M=Monthly, Q=Quarterly, Y=Yearly)
Settlement days	Number of days between trade and settlement date

3.3 Tradable Series

The Tradable Series window shows the list of the standard tradable instruments for the current date. Only the tradable series of the markets to which the member belongs to are shown.



Market	Symbol	Product type	Sub Type	Product group	Series name	ISIN code	Strike price	Put/Call	Expiry day
DER	FTMIB	O	Normal	IDX	MIBO7R22500	IT0011613087	22,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F22500	IT0011613079	22,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R21500	IT0011613061	21,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F21500	IT0011613053	21,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R20500	IT0011613046	20,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F20500	IT0011613038	20,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R19500	IT0011613020	19,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F19500	IT0011613012	19,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R18500	IT0011613103	18,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F18500	IT0011613095	18,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R17500	IT0011613129	17,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F17500	IT0011613111	17,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7R16500	IT0011613145	16,500.0000	P	06/2017
DER	FTMIB	O	Normal	IDX	MIBO7F16500	IT0011613137	16,500.0000	C	06/2017
DER	FTMIB	O	Normal	IDX	MIBO5O22750	IT0011612824	22,750.0000	P	03/2015
DER	FTMIB	O	Normal	IDX	MIBO5C22750	IT0011612816	22,750.0000	C	03/2015
DER	FTMIB	O	Normal	IDX	MIBO5O22250	IT0011612808	22,250.0000	P	03/2015

Table columns description:

Symbol	Class Symbol
Product type	Product type (B = bond, C = equity and fund quotes, F= future, O = option, R = repo, V = convertible, W = warrant)
Strike price	Strike Price
Put/Call	Option type (Put/Call)
Market	Trading market
ISIN Code	Instrument ISIN code
Series	Name of the series

name	
Expiry Day	Expiry date
Last Trading Day	Last Trading Date
Closing Price	Daily settlement price (closing price)
Last Day Price	Last day settlement price
Closing Price Date	Closing price reference date
Underlying Price	Underlying product reference price
Open interest	Open Long/short positions amount
Volatility	Volatility calculated by the clearing system

3.4 Participants

The Participants window shows the members' list for each market. Only members of the markets to which the member belongs to are shown.

Table columns description:

ABI Code	Clearing Member Identification Code for the Clearing system
CED Code	Market assigned numeric code
Description	Member name
Mnemonic	Alphanumeric code
Participant Code	Member clearing code
Market	Trading Market
Type	Member type (Individual Clearing member, Non-Clearing member, General Clearing member)

3.5 Non-Clearing Members

The Non-Clearing Members window shows, for each available market, the list of the Non-Clearing Members and segregated accounts (ISA and AOA) of the Clearing Member.

Table columns description:

ABI Code	Clearing Member Identification Code for the Clearing system
CED Code	Market assigned numeric code
Description	Participant name
Mnemonic	Alphanumeric code
Participant Code	Participant clearing code
Market	Trading Market

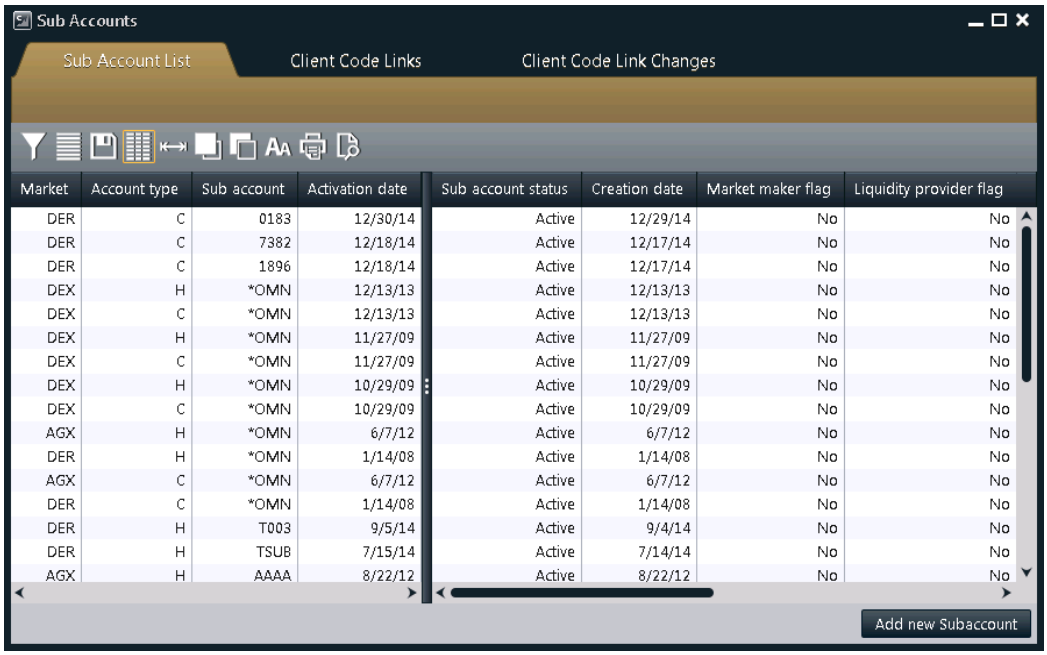
Type	Member type (Non-Clearing member, General Clearing member)

3.6 SubAccounts

The Subaccounts window allows to show and manage the list of subaccounts of the member and its NCMs.

SubAccount List

This window lists all the subaccounts of the Clearing Member. For General Clearing Members, also Non-Clearing Members subaccounts are shown. New subaccounts are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a subaccount is automatically shown.



Market	Account type	Sub account	Activation date	Sub account status	Creation date	Market maker flag	Liquidity provider flag
DER	C	0183	12/30/14	Active	12/29/14	No	No
DER	C	7382	12/18/14	Active	12/17/14	No	No
DER	C	1896	12/18/14	Active	12/17/14	No	No
DEX	H	*OMN	12/13/13	Active	12/13/13	No	No
DEX	C	*OMN	12/13/13	Active	12/13/13	No	No
DEX	H	*OMN	11/27/09	Active	11/27/09	No	No
DEX	C	*OMN	11/27/09	Active	11/27/09	No	No
DEX	H	*OMN	10/29/09	Active	10/29/09	No	No
DEX	C	*OMN	10/29/09	Active	10/29/09	No	No
AGX	H	*OMN	6/7/12	Active	6/7/12	No	No
DER	H	*OMN	1/14/08	Active	1/14/08	No	No
AGX	C	*OMN	6/7/12	Active	6/7/12	No	No
DER	C	*OMN	1/14/08	Active	1/14/08	No	No
DER	H	T003	9/5/14	Active	9/4/14	No	No
DER	H	TSUB	7/15/14	Active	7/14/14	No	No
AGX	H	AAAA	8/22/12	Active	8/22/12	No	No

Table columns description:

Market	Trading Market
ABI Code	Member ABI Code
Account Type	Account type (House/Client)
SubAccount	SubAccount name
Activation date	Sub account activation date
Disabling date	Sub account deactivation date
Creation date	Sub account creation date
Modify date	Sub account modification date
Market maker flag	Flag Market maker
Liquidity provider flag	Flag Liquidity provider
Keep net position flag	Flag Keep net position
Net Margin Flag	Net Margin flag
Sub account status	Sub account status

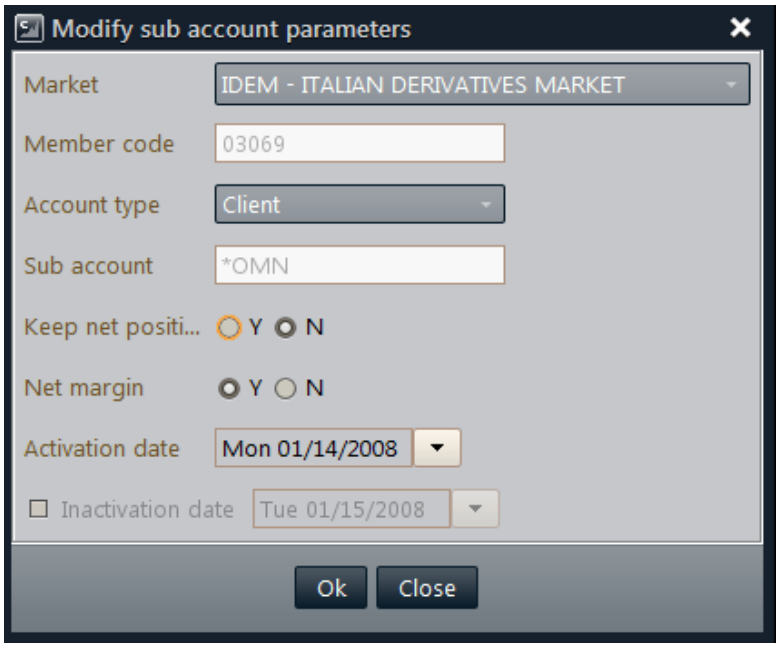
Each subaccount can be modified or disabled.

Add New Subaccount. This function allows to create a new subaccount.

The user is required to specify the new sub account details in the dialog window.

The following fields have to be selected: *Market*, *Member Code*, *Account Type* (House/Client), *Sub Account* name (only upper-case characters and numbers are allowed), *Activation Date*, *Keep Net Position* and *Net Margin*.

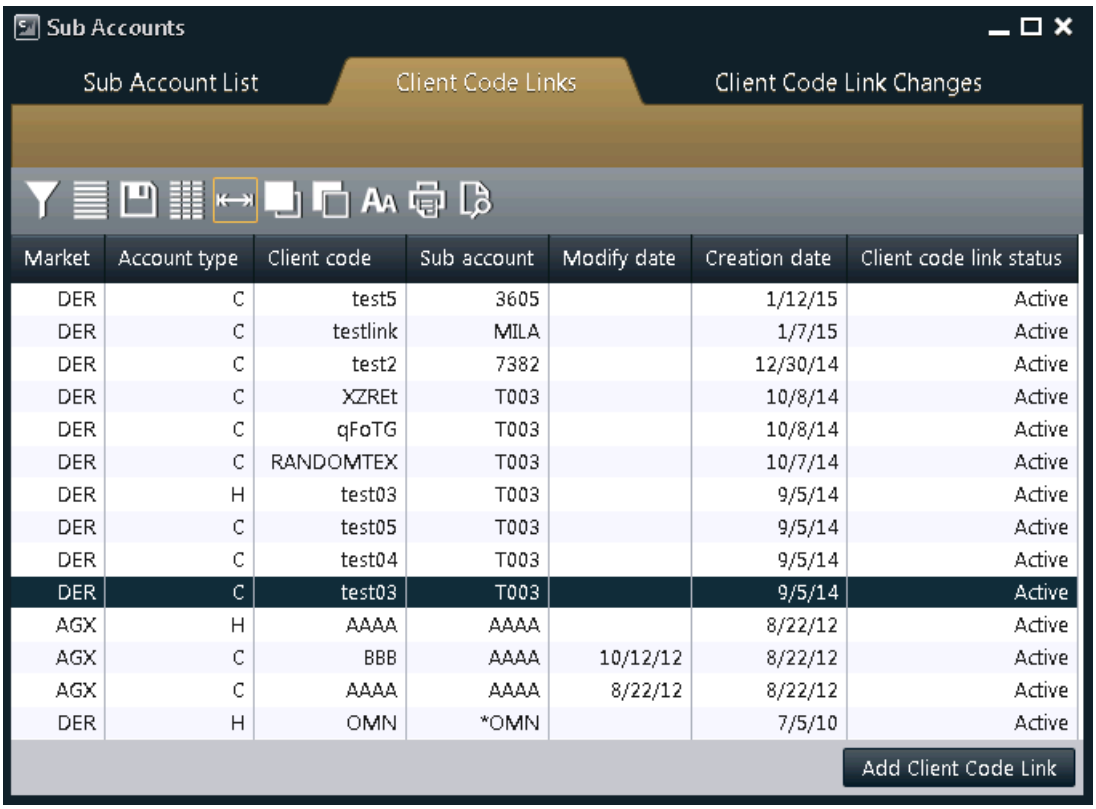
Modify: In order to modify an existing subaccount, the user has to right click on a specified subaccount in the SubAccount List window and select *Modify*. Only some parameters can be changed: Keep net position, Net margin, Activation date and Inactivation date.



Client Code Links

This window lists all the subaccounts / client code links of the member. For General Clearing Members, also Non-Clearing Members data are shown. New subaccount / client code links are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a subaccount / client code link is automatically shown

A subaccount / client code link is an association between a subaccount and a specific client code. The member can specify a client code previously associated to a subaccount in a client code change operation on a trade, in order to transfer the trade to the related subaccount.

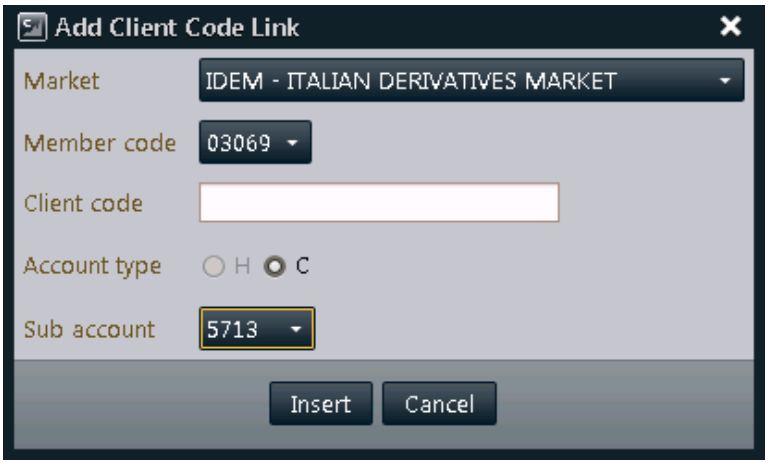


Market	Account type	Client code	Sub account	Modify date	Creation date	Client code link status
DER	C	test5	3605		1/12/15	Active
DER	C	testlink	MILA		1/7/15	Active
DER	C	test2	7382		12/30/14	Active
DER	C	XZREt	T003		10/8/14	Active
DER	C	qFoTG	T003		10/8/14	Active
DER	C	RANDOMTEX	T003		10/7/14	Active
DER	H	test03	T003		9/5/14	Active
DER	C	test05	T003		9/5/14	Active
DER	C	test04	T003		9/5/14	Active
DER	C	test03	T003		9/5/14	Active
AGX	H	AAAA	AAAA		8/22/12	Active
AGX	C	BBB	AAAA	10/12/12	8/22/12	Active
AGX	C	AAAA	AAAA	8/22/12	8/22/12	Active
DER	H	OMN	*OMN		7/5/10	Active

Table columns description:

Market	Trading Market
ABI Code	Member ABI Code
Client code	Client Code
Account type	Account type (House/Client)
Sub account	Sub account
Creation date	Sub account / client code link creation date
Modify date	Sub account / client code link modification date
Client Code link status	Sub account / client code link status

Add Client Code Link: This function allows to create a new subaccount-client code link. The user should select the SubAccount value from the *Sub Account* field, the *Account Type* field will be populated accordingly. If both House and Client Account types have been set-up for that subaccount, the user should specify which one (House or Client) he wants to associate to the client code.



Modify: The user can right click a specific subaccount/client code link and choose the Modify option. A pop-up window will be shown. Here the user can choose a new subaccount that will be assigned to the client code.

Inactivate: The user can right click a specific subaccount/client code link choose the Inactivate option. Clicking *Ok*, the existing subaccount / client code link will be inactivated.

Client Code Link Changes

This window shows all the changes made during the current business day on subaccount / client code links for a specific Member. For General Clearing Members, also Non-Clearing Members data are shown. New changes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. Displayed changes will be active from next business day.

Table columns description:

Market	Trading Market
Member	Member ABI Code
Client code	Client code
Account type	Account type (House/Client)
Sub account	Sub Account
Modify Type	Description of requested operation type
Modify Time	Modify Time

Delete: It is possible to delete a change made on a subaccount-client code link right clicking on the corresponding row and selecting *Delete*; a dialog window will pop up; the user should select *Ok* to delete the change.

3.7 Automatic Give-up

The Automatic Give-Up menu allows to manage International Give-Up and Trade Transfer operations automatically, using client codes associated to specific participants; Automatic Give-up codes can be set on both sender (Give-out) and receiver (Take-Up) sides.

Members can set Give-Out and Take-Up client codes in order to automatically transfer trades among different participants.

Give-Out

This window lists all the Give-Out client codes of the member. For General Clearing Members, also Non-Clearing Members Give-Out codes are shown. New Give-Out codes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a Give-Out codes is automatically shown.

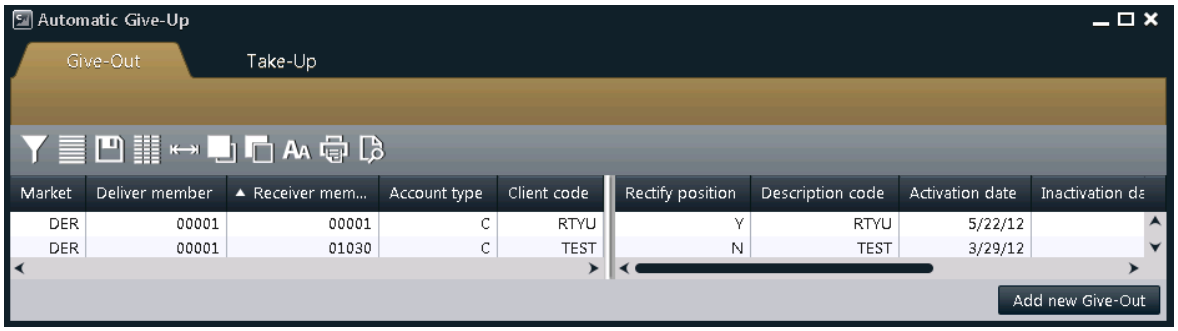
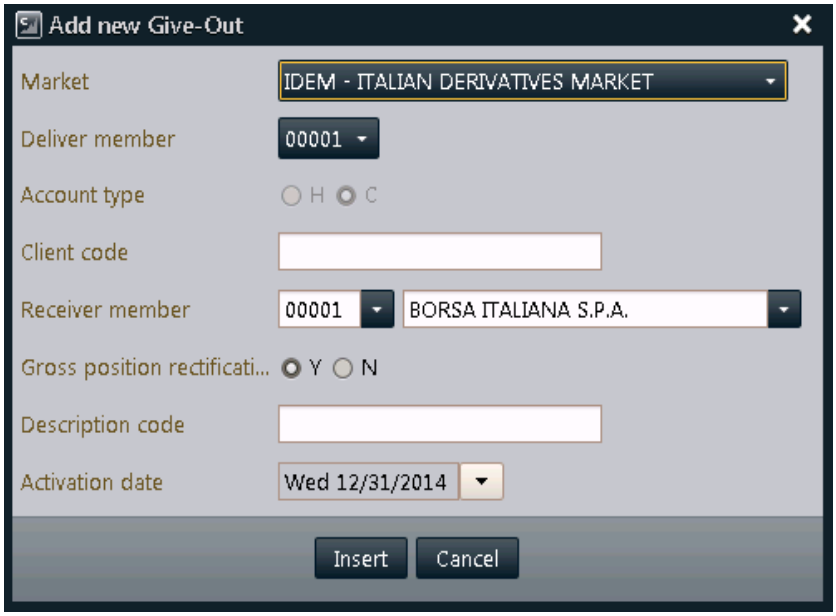


Table columns description :

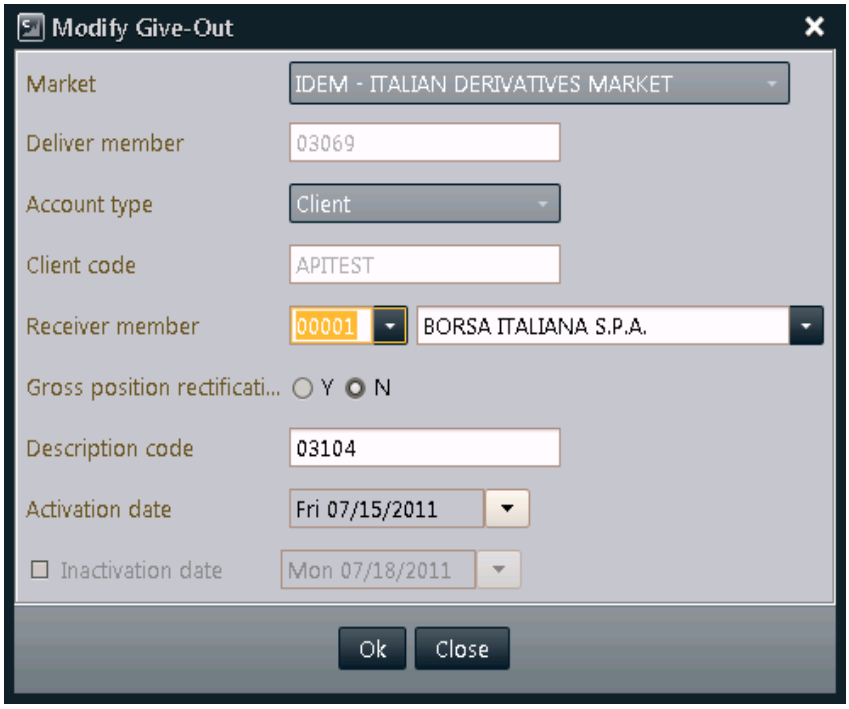
Market	Trading market
Deliver member	Deliver member code
Client code	Client code
Account type	Account type (client only)
Receiver member	Receiver member code
Rectify Position	Rectify Position
Description code	Description code (receiver member has to specify the same value into Description code field of the corresponding Take-Up)

Activation date	Activation date
Inactivation date	Inactivation date
Creation date	Creation date
Modify date	Modify date
Status	Give-out status

Add New Give-Out function allows to create a new Give-Out client code. All fields are mandatory.



Modify: In the Give-Out list, the user can right click on the row corresponding to the Give-Out that has to be modified and select *Modify*. Only enabled fields can be modified.


Modify Give-Out
Market
IDEM - ITALIAN DERIVATIVES MARKET
Deliver member
03069
Account type
Client
Client code
APITEST
Receiver member
00001
BORSA ITALIANA S.P.A.
Gross position rectificati...
Y
N
Description code
03104
Activation date
Fri 07/15/2011
Inactivation date
Mon 07/18/2011
Ok
Close

Take-Up

This window lists all the Take-Up client codes of the member. For General Clearing Members, also Non-Clearing Members Take-Up codes are shown. New Take-Up codes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a Take-Up codes is automatically shown.

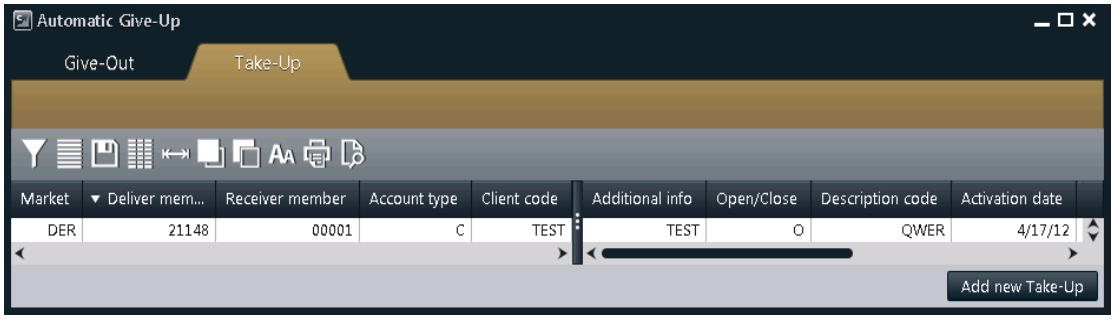


Table columns description:

Market	Trading market
Deliver member	Trading member code
Client code	Client code
Account type	House/Client account type
Receiver member	Clearing member code
Open/Close	Open/Close/Assigned by Trader
Description code	Description (the deliver member has to specify the same code into description code field of the corresponding Give-Out)
Additional info	Free text additional information
Activation date	Activation date
Inactivation date	Inactivation date
Creation date	Creation date
Modify date	Modification date
Status	Take-Up status

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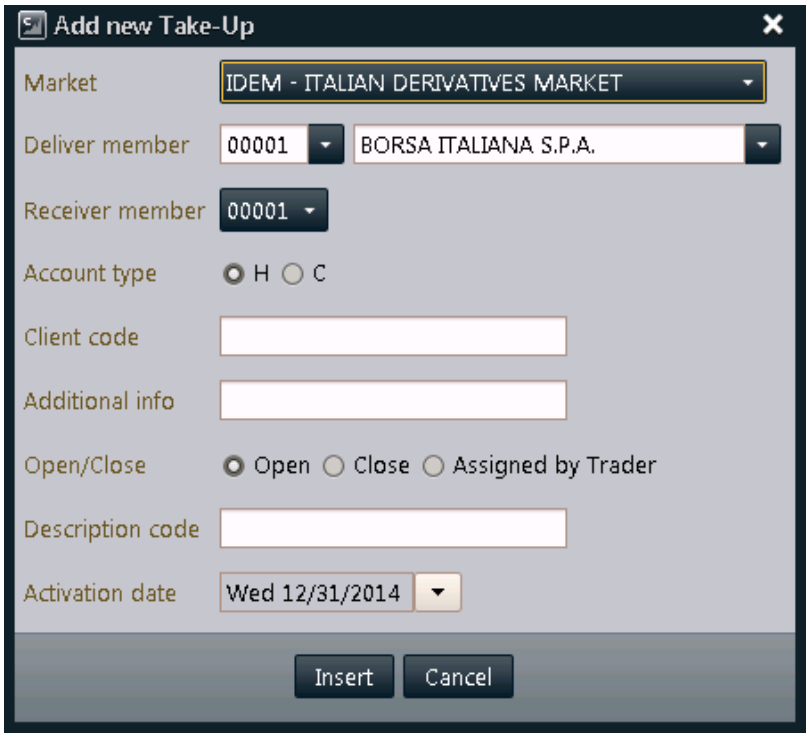
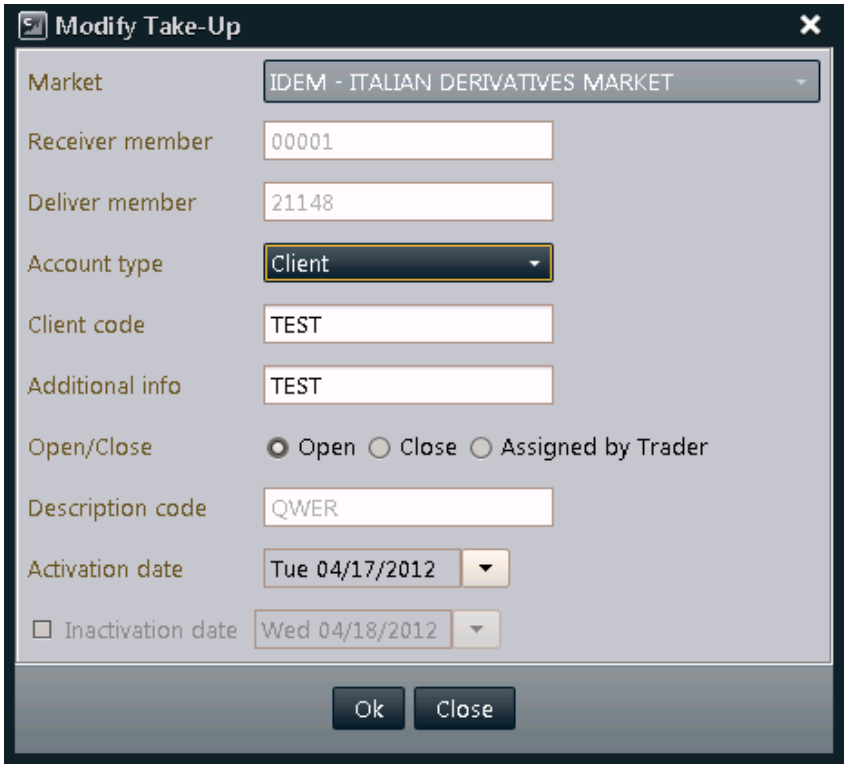
Add new Take-Up: This function allows to create a new Take-Up client code.



All fields are mandatory except for Additional Info. The value “Assigned by Trader” in the “Open\Close” field will assign to the incoming trade the same value specified for it by the trader.

Modify: In the Take-Up list, the user can right click the row corresponding to the Take-Up that has to be modified and select *Modify*. Only enabled fields can be modified.



The value “Assigned by Trader” in the “Open\Close” field will assign to the incoming trade the same value specified for it by the trader.

4.0 Positions

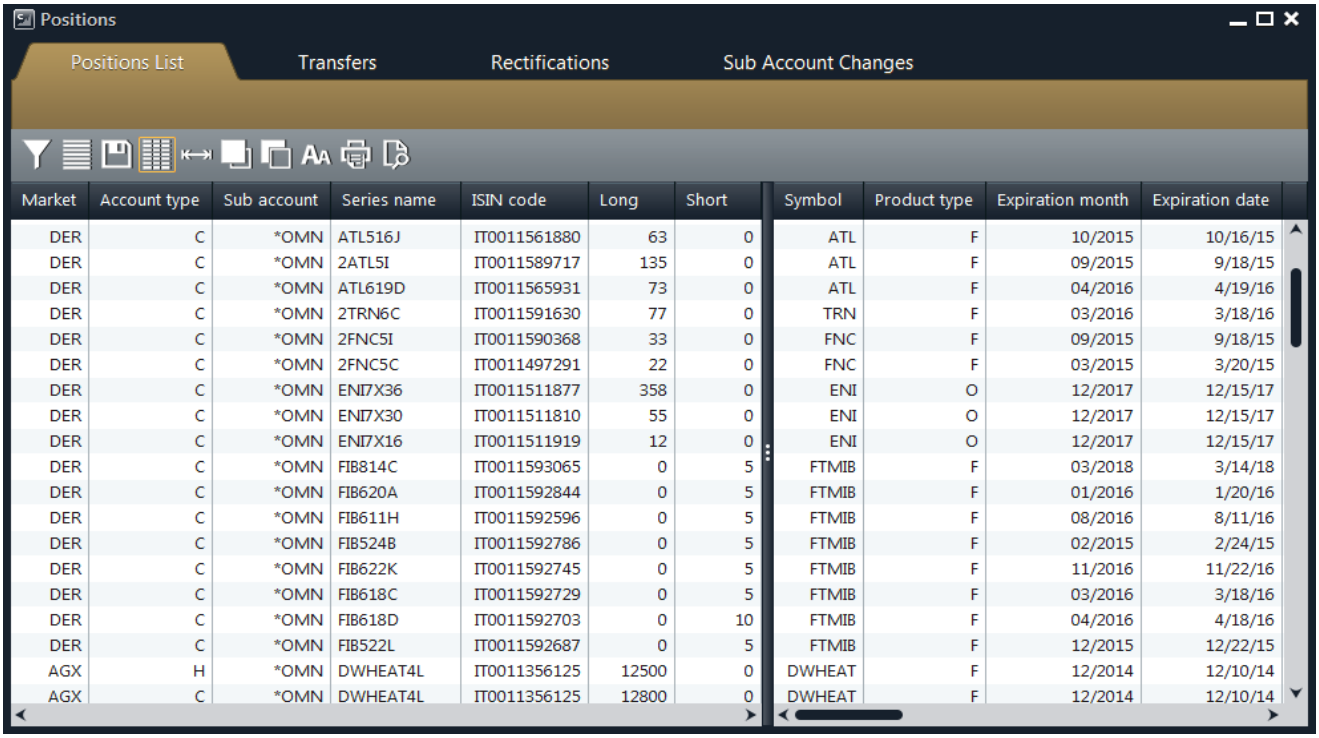
This menu allows members to manage positions registered in the clearing system. It is possible to see the list of open positions and access the functions of Rectification, Transfer, Subaccount Change and Early Exercise. It's also possible to add positions to Custom Portfolios for Risk Management activities.

The Positions menu is made by the following tabs:

- Positions List: it shows the list of open positions of the clearing member (and its NCM's) and allows to access the functions of Rectification, Transfer, SubAccount Change, Early Exercise Request and Add to Portfolio;
- Rectify: it shows the rectified positions of the clearing member (and its NCM's);
- Transfers: it shows the position transfers (delivered and received) of the clearing member (and its NCM's); it allows to access the functions of Accept, Reject and Cancel Position Transfer;
- SubAccount Change: it shows the list of SubAccount Changes of the clearing member (and its NCM's).

4.1 Position list

This window lists all the positions owned by the member. For General Clearing Members, also Non-Clearing Members positions are shown. New positions are automatically shown as soon as they are managed by the clearing system, without having to manually inquire the clearing system. At the same way, any update on a position (i.e. Position Transfer, SubAccount Transfer, Rectifications, ...) is automatically shown.



Market	Account type	Sub account	Series name	ISIN code	Long	Short	Symbol	Product type	Expiration month	Expiration date
DER	C	*OMN	ATL516J	IT0011561880	63	0	ATL	F	10/2015	10/16/15
DER	C	*OMN	2ATL5I	IT0011589717	135	0	ATL	F	09/2015	9/18/15
DER	C	*OMN	ATL619D	IT0011565931	73	0	ATL	F	04/2016	4/19/16
DER	C	*OMN	2TRN6C	IT0011591630	77	0	TRN	F	03/2016	3/18/16
DER	C	*OMN	2FNC5I	IT0011590368	33	0	FNC	F	09/2015	9/18/15
DER	C	*OMN	2FNC5C	IT0011497291	22	0	FNC	F	03/2015	3/20/15
DER	C	*OMN	ENI7X36	IT0011511877	358	0	ENI	O	12/2017	12/15/17
DER	C	*OMN	ENI7X30	IT0011511810	55	0	ENI	O	12/2017	12/15/17
DER	C	*OMN	ENI7X16	IT0011511919	12	0	ENI	O	12/2017	12/15/17
DER	C	*OMN	FIB814C	IT0011593065	0	5	FTMIB	F	03/2018	3/14/18
DER	C	*OMN	FIB620A	IT0011592844	0	5	FTMIB	F	01/2016	1/20/16
DER	C	*OMN	FIB611H	IT0011592596	0	5	FTMIB	F	08/2016	8/11/16
DER	C	*OMN	FIB524B	IT0011592786	0	5	FTMIB	F	02/2015	2/24/15
DER	C	*OMN	FIB622K	IT0011592745	0	5	FTMIB	F	11/2016	11/22/16
DER	C	*OMN	FIB618C	IT0011592729	0	5	FTMIB	F	03/2016	3/18/16
DER	C	*OMN	FIB618D	IT0011592703	0	10	FTMIB	F	04/2016	4/18/16
DER	C	*OMN	FIB522L	IT0011592687	0	5	FTMIB	F	12/2015	12/22/15
AGX	H	*OMN	DWHEAT4L	IT0011356125	12500	0	DWHEAT	F	12/2014	12/10/14
AGX	C	*OMN	DWHEAT4L	IT0011356125	12800	0	DWHEAT	F	12/2014	12/10/14

Table columns description:

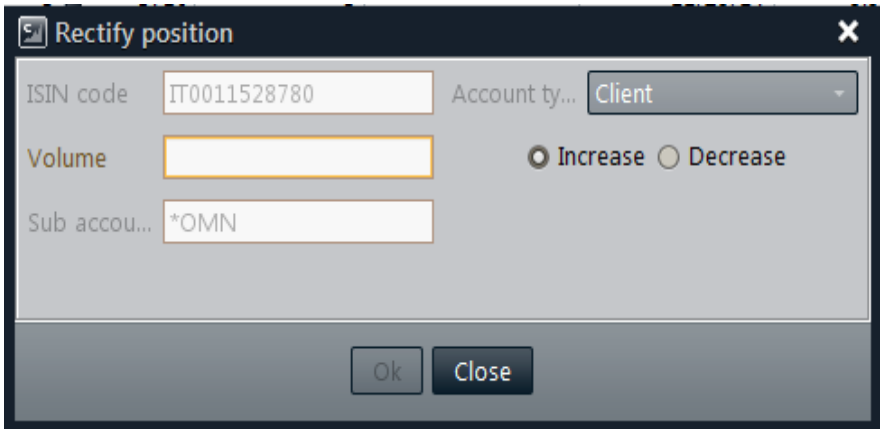
Market	Trading Market
ABI code	Clearing Member Identification Code for the Clearing system
Account Type	Account Type (House/Client)
Sub Account	Sub Account
Series Name	Name of the Tradable Series
ISIN Code	ISIN Code
Long	Long current positions
Short	Short current positions
Symbol	Alphanumeric symbol of underlying instrument
Expiration Month	Expiration Month
Product Type	Product type (B = bond, C = equity and fund quotes, F = future, O = option, R = repo, V = convertible, W = warrant)
Expiration Date	Expiration Date
Strike Price	Strike Price
Put/Call	Option type (Put/Call)
Opening Date	Position opening date

Last Operation	Last operation date
Long at opening	Long positions at market opening
Short at opening	Short positions at market opening
Transfer Price	Transfer price
Intraday exercises	Early intraday exercises
Intraday assignments	Intraday assignments
Exercises	Early exercises
Assignments	Assignments
ITM amount	In the money amount

Rectify

Rectify allows to increase / decrease positions in options on share or index.
It's possible to rectify only IDEM market positions on Client account.

In order to execute a Rectify, the user should select a position from the Positions List, right click on it and select *Rectify*.



A pop-up will be opened.

The following steps should be performed:

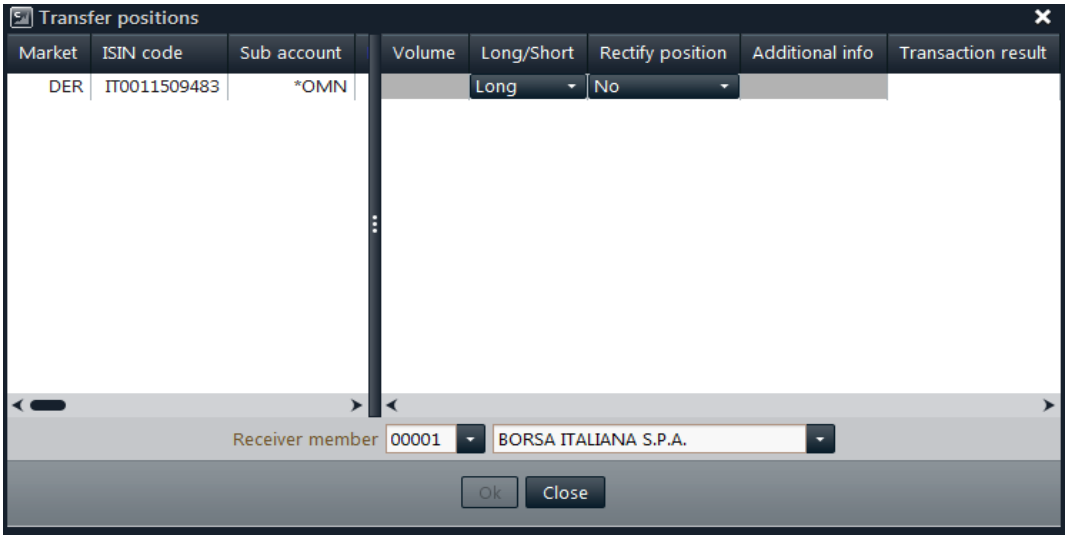
1. Insert a value into the *Volume* field;
2. Select the *Increase* or *Decrease* option;
3. Press OK button to confirm

A confirmation message informs the user that the transaction has been successfully committed.

Transfer

The Position Transfer allows to transfer an open position to another clearing member. The clearing system processes the transfer request only after the counterpart has accepted the received position. It is possible to transfer positions only to counterparts other than the member itself.

The user can access the position Transfer function right clicking on a specified position in the positions list (also multiple selection is allowed).



In order to send a Position Transfer, the user should select one or more positions from the Positions List, right click on them and select *Transfer*.

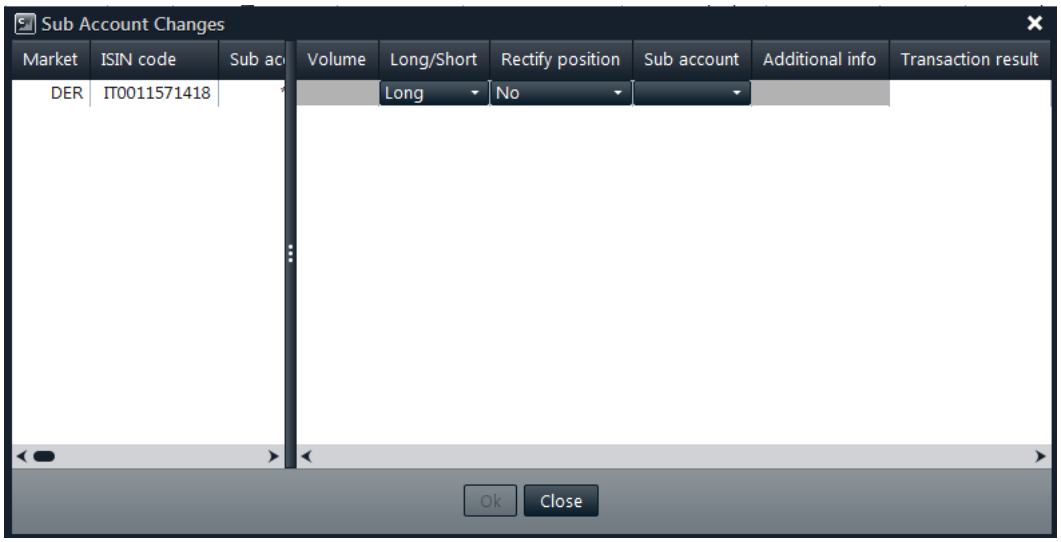
The following steps should be performed:

1. Insert a value into the *Volume* field;
2. Select *Long* or *Short* in the *Long/Short* option;
3. Select *Yes* or *No* in the *Rectify Position* option. Selecting *Yes* the clearing system will automatically increase the positions in case they are no more available when the receiver clearing member accepts the transfer (i.e. in case of trade executions on the transferred series);
4. Insert a value into the *Additional Info* field (optional);
5. Select the Receiver Member specifying the ABI code or the clearing member description;
6. Press the *OK* button to confirm.

A confirmation message will be shown informing that the transaction has been correctly sent.

Sub Account Change

The Sub Account Change allows to change the subaccount of a specific position. At the same time it's possible to rectify the position and assign a part of it to the new sub account.



In order to perform a Sub Account Change, the user should select a position from the Positions List, right click on it and select *Sub Account Change*.

The following steps should be performed:

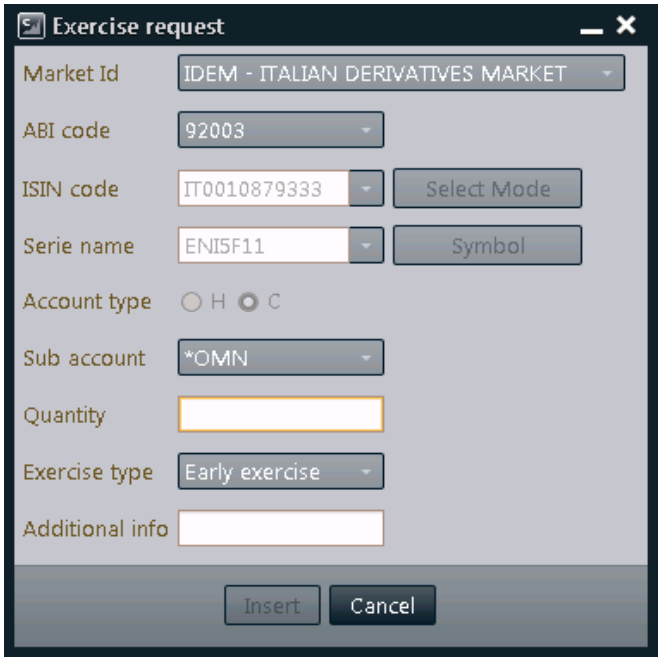
1. Insert the number of positions to be transferred into the *Volume* field;
2. Select *Long* or *Short* in the *Long/Short* option;
3. Select *Yes* or *No* in the *Rectify Position* option. Selecting *Yes* the clearing system will automatically increase the positions in case they are no more available when the receiver clearing member accepts the transfer (i.e. in case of trade executions on the transferred series);
4. Select the new Sub Account of the position in the *Sub Account* option;
5. Insert a value into the *Additional Info* field (optional);
6. Press the *OK* button to confirm.

A confirmation message will be shown informing that the transaction has been correctly sent.

Early Exercise Request

The Early Exercise Request allows to send early exercise requests to the clearing system.

In order to send an Early Exercise Request, the user should select a position from the Positions List, right click on it and select *Early Exercise Request*.



The following steps should be performed:

1. Insert the number of positions to be early exercised into the *Quantity* field; the quantity field is limited to four digits. In order to early exercise a quantity with more than four digits, the user should send more than one request, to cover the whole amount of positions to exercise;
2. Insert a value into the *Additional Info* field (optional);
3. Press the *Insert* button to confirm.

The list of early exercise requests sent can be verified in the Exercise/Assignments main menu, in the Exercise Request History sub-menu.

Please notice
An early exercise can be executed also in the **Early Exercise (By Positions)** and **Early Exercise (By Series)** windows, which can be reached through the **Exercise/Assignments** main menu.

4.2 Rectifications

This window lists all the position rectifications of the member. For General Clearing Members, also Non-Clearing Members rectifications are shown. The window lists the rectifications executed on the current business date. New rectifications are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.

In order to have access to previous days rectifications, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Rectifications that match the specified criteria will be displayed.

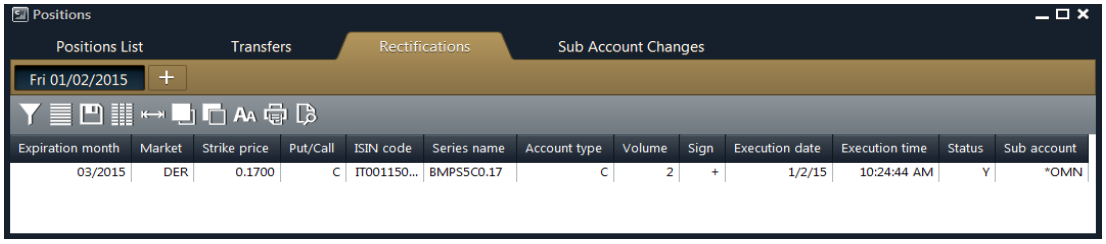


Table columns description:

Market	Trading Market
Member	Member ABI Code
Symbol	Alphanumeric symbol of underlying instrument
Expiration Month	Expiration month

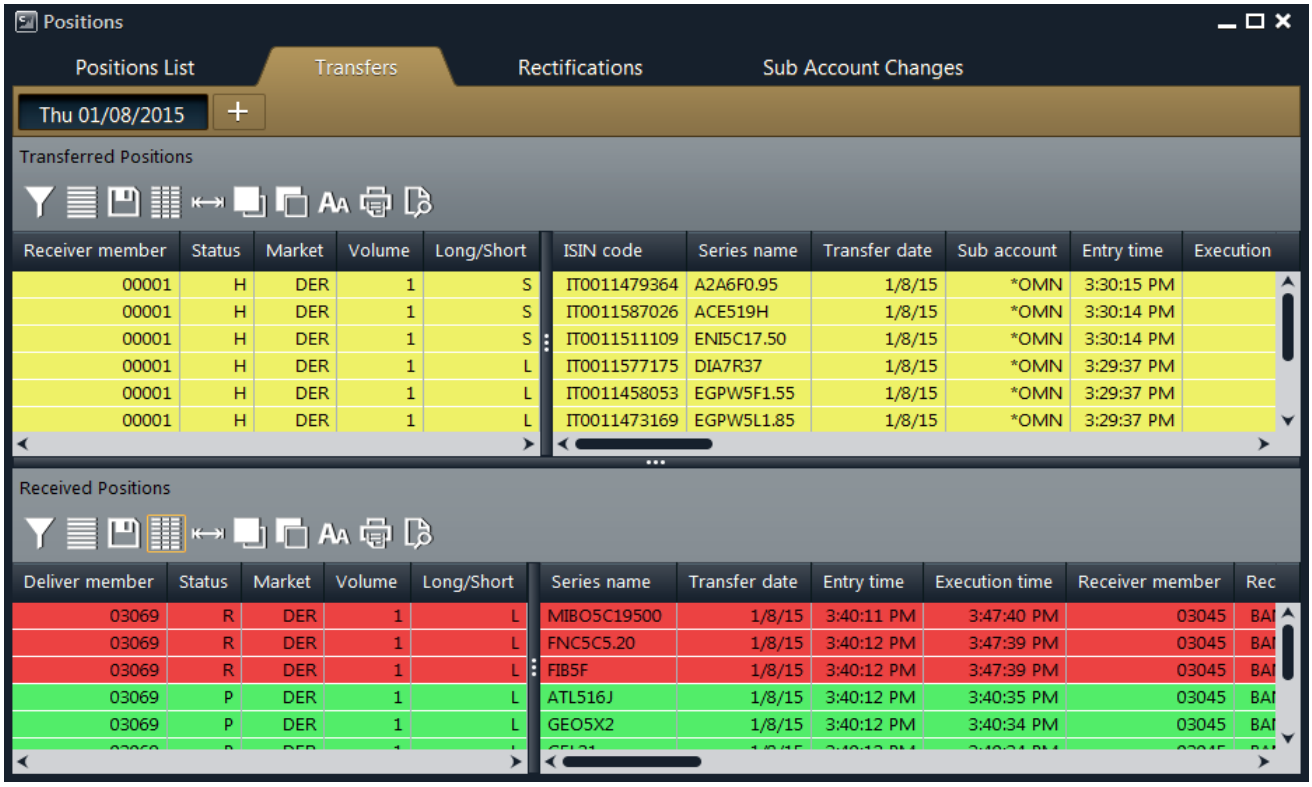
Strike Price	Strike Price
Put/Call	Option type (Put/Call)
ISIN Code	ISIN Code
Series name	Name of the series
Account Type	Account Type (House/Client)
Volume	Volume
Sign	Operation sign (+ = increase, - = decrease)
Execution Date	Position adjustment date
Execution Time	Position adjustment time
Status	Operation status (Y=executed, N=not executed)
Sub Account	Sub Account

4.3 Transfers

This window lists all the Position Transfers of the member. For General Clearing Members, also Non-Clearing Members transfers are shown. The window lists the transfers executed on the current business date. New transfers are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a transfer (i.e. transfer status changed) is automatically shown.

The window is composed by two tables: the *Transferred Positions* and the *Received Positions*. The *Transferred Positions* table shows all the transfers sent by the member to other clearing members. The *Received Positions* table shows all the transfers received by the member. The color of the row identifies if the request has been accepted by the receiver clearing member (green row), has been refused (red row), is still pending (yellow row), or has been cancelled by the member (white row).

In order to have access to previous days transfers, it’s possible to click on the “+” button on the Business Date Bar and select the date of interest.


Positions
Positions List
Transfers
Rectifications
Sub Account Changes
Thu 01/08/2015
Transferred Positions
Receiver member | Status | Market | Volume | Long/Short | ISIN code | Series name | Transfer date | Sub account | Entry time | Execution
00001 H DER 1 S IT0011479364 A2A6F0.95 1/8/15 *OMN 3:30:15 PM
00001 H DER 1 S IT0011587026 ACE519H 1/8/15 *OMN 3:30:14 PM
00001 H DER 1 S IT0011511109 ENI5C17.50 1/8/15 *OMN 3:30:14 PM
00001 H DER 1 L IT0011577175 DIA7R37 1/8/15 *OMN 3:29:37 PM
00001 H DER 1 L IT0011458053 EGPW5F1.55 1/8/15 *OMN 3:29:37 PM
00001 H DER 1 L IT0011473169 EGPW5L1.85 1/8/15 *OMN 3:29:37 PM
Received Positions
Deliver member | Status | Market | Volume | Long/Short | Series name | Transfer date | Entry time | Execution time | Receiver member | Rec
03069 R DER 1 L MIBO5C19500 1/8/15 3:40:11 PM 3:47:40 PM 03045
03069 R DER 1 L FNC5C5.20 1/8/15 3:40:12 PM 3:47:39 PM 03045
03069 R DER 1 L FIB5F 1/8/15 3:40:12 PM 3:47:39 PM 03045
03069 P DER 1 L ATL516J 1/8/15 3:40:12 PM 3:40:35 PM 03045
03069 P DER 1 L GEO5X2 1/8/15 3:40:12 PM 3:40:34 PM 03045

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Transfers that match the specified criteria will be displayed.

The color of the row shows the transfer status, according to the following table:

Color	Status	Description
Green	Processed	The receiver accepted the transfer. The position is now owned by the receiver.
Red	Rejected	The receiver rejected the transfer. The position is still owned by the sender.
Yellow	Holding	The receiver didn't accept (or reject) the transfer yet. The position is still owned by the sender.
White	Cancelled	The sender cancelled the transfer request before the receiver accepted or rejected it. The position is still owned by the sender.

Table columns description:

Deliver Member	Deliver ABI Code
Receiver Member	Receiver ABI Code
Deliver Name	Deliver Name
Receiver Name	Receiver Name
Status	Status of the Transfer (H=Holding, P=Processed, R=Rejected, C=Cancelled)
Additional Info	Free text additional information
Market	Trading Market
ISIN Code	ISIN code of the Tradable Series
Sub Account	Sub Account
Volume	Transfer Quantity
Long/Short	Position type (Long/Short)
Series Name	Name of the Tradable Series
Transfer Date	Business Date of the Transfer
Entry Time	Entry Time of the Transfer (when the Deliver Clearing Member sent the Transfer Request)
Execution Time	Execution Time of the Transfer (when the Receiver Clearing Member accepted/rejected the Transfer Request)
Symbol	Alphanumeric Symbol of Underlying
Expiry Month	Expiration Month of the Tradable Series
Strike Price	Strike Price of the Tradable Series
Put/Call	Option type (Put / Call) of the Tradable Series
Transfer Price	Transfer Price
Deliver Account Type	Deliver Account Type (House / Client)
Receiver Account Type	Receiver Account Type (House / Client)

Deliver Client Info	Deliver Client Info
Deliver Client Code	Deliver Client Code
Receiver Client Info	Receiver Client Info
Receiver Client Code	Receiver Client Code
Transferred/Received	Transfer Type (Transferred / Received)
Product Type	Product type of the Tradable Series (B = bond, C = equity and fund quotes, F=future, O= option, R = repo, V= convertible, W = warrant)
Position Value	Counter value

Cancel Transfer Request

Pending position transfers with status H (Holding) can be cancelled by the deliver member. The user should right click on the pending transfers in the *Transferred Positions* table and select *Cancel Transfer Request*.

The following steps should be performed:

1. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

Confirm Transfer Request

Pending position transfers with status H (Holding) can be accepted (confirmed) by the receiver member. The user should right click on the pending transfers in the *Received Positions* table and select *Confirm*.

The transfer will be executed by the clearing system only after the user accepts the received position. Received positions can be allocated on house or client account. If the transfer is accepted, the color of the row gets green as soon as the transfer is executed by the clearing system; the red row confirms instead that the transfer request has been rejected by the user.

The following steps should be performed:

1. Select *Open* or *Close* in the *Open/Close* option;
2. Select *Client* or *House* in the *Receiver Account Type* option;
3. Select the Sub Account in the *Sub Account* option;
4. Insert a value into the *Receiver Client Code* field (optional);
5. Insert a value into the *Receiver Client Info* field (optional);
6. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

Reject Transfer Request

Pending position transfers with status H (Holding) can be rejected by the receiver member. The user should right click on the pending transfers in the *Received Positions* table and select *Reject*.

The following steps should be performed:

1. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

4.4 Sub Account Changes

This window lists all the sub account changes of the member. For General Clearing Members, also Non-Clearing Members changes are shown. The window lists the sub account changes executed on the current business date. New changes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.

In order to have access to previous days sub account changes, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Sub Account Changes that match the specified criteria will be displayed.

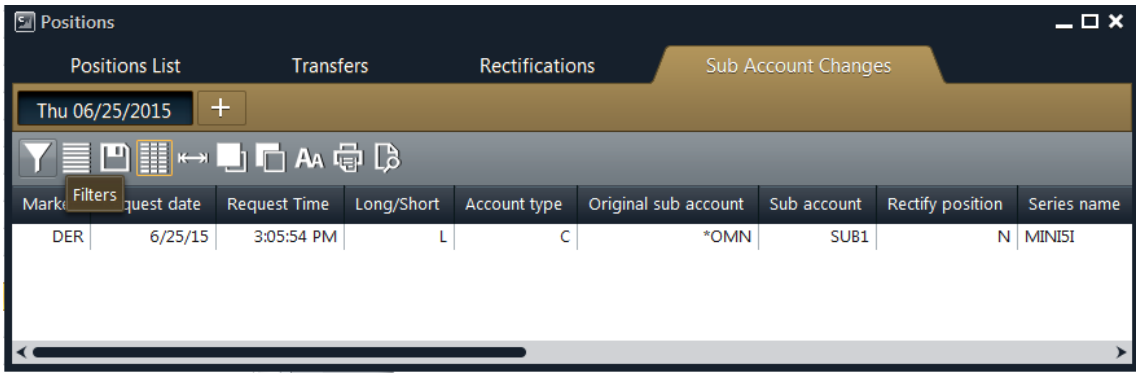


Table columns description:

Market	Trading Market
ABI Code	Clearing Member Identification Code for the Clearing system
Request Date	Date of the modification request
Request Time	Time of the modification request
Long/Short	Position type (Long/Short)
Account Type	Account Type (House/Client)
Original Sub Account	Original sub account identifier
Sub Account	sub account identifier

Rectify Position	Gross position rectification flag
Symbol	Alphanumeric symbol of underlying financial instrument
Expiration Date	Expiration Date
Strike Price	Strike Price
Put/Call	Option type (Put/Call)
Product Type	Product type (B = bond, C = equity and fund quotes, F = future, O = option, R = repo, V = convertible, W = warrant)
ISIN Code	ISIN Code
Series Name	Name of the series
Quantity	Quantity
Transfer Price	Transfer price
Request State	Request state
Return Code	Operation result
Counter value	Countervalue

5.0 Trades

This menu allows to manage executed trades registered in the clearing system. It is possible to see the list of trades, the history of a single trade and access the functions of International Give-Up, Trade Transfer, Split, Open/Close Change and Client Code Change.

The Trades menu is made by the following tabs:

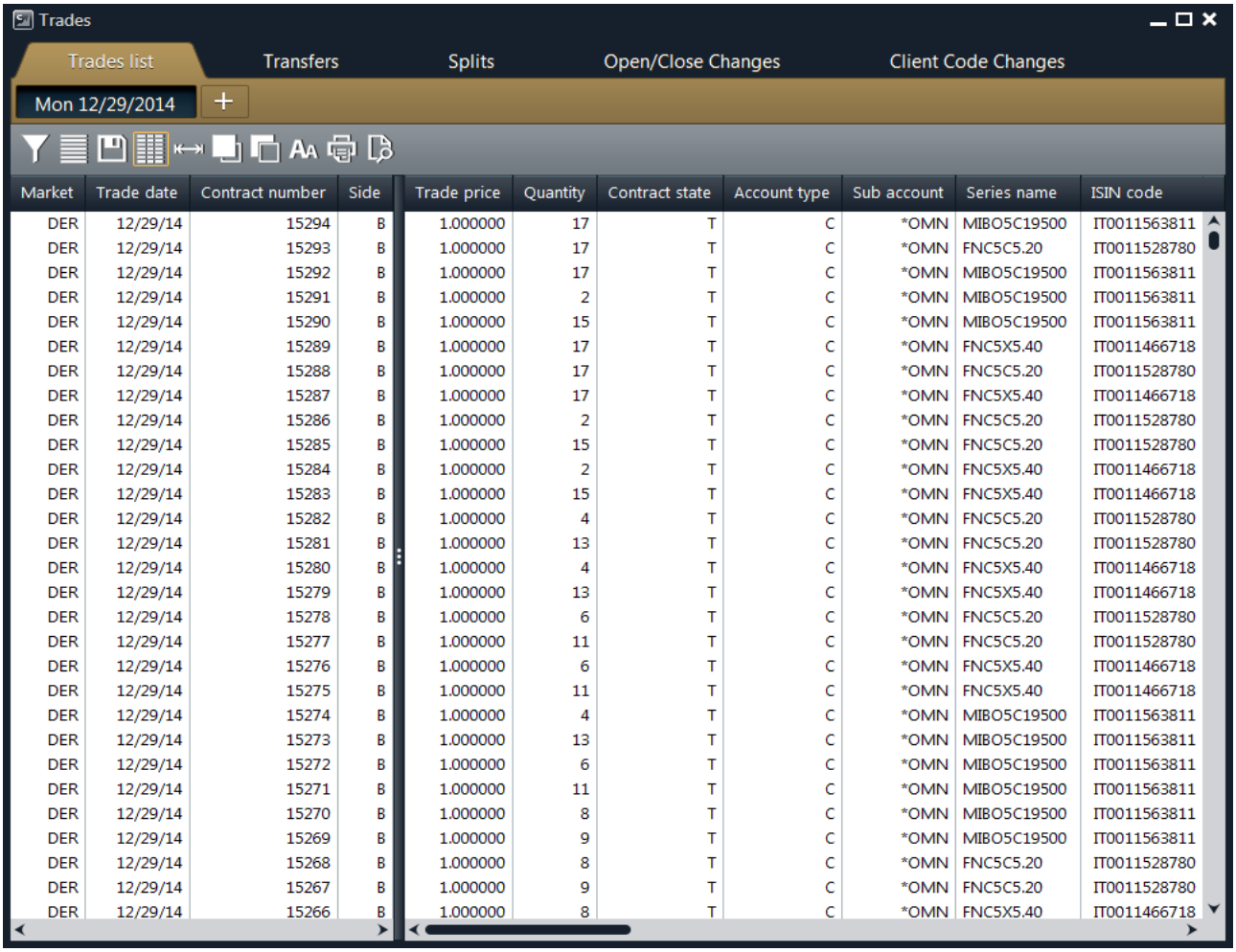
- Trades List: it shows the trades of the clearing member (and its NCM's) and allows to access the functions of International Give-Up, Trade Transfer, Split, Open/Close Change and Client Code Change;
- Transfers: it shows the trade transfers (delivered and received) of the clearing member (and its NCM's); it allows to access the functions of Accept, Reject and Cancel Trade Transfer;
- Splits: it shows the splits of the clearing member (and its NCM's);
- Open/Close Changes: it shows the Open / Close Changes of the clearing member (and its NCM's);
- Client Code Changes: it shows the Client Code Changes of the clearing member (and its NCM's);
- Trade History: it shows all the clearing operations performed on the selected trade.

User Guide

June 2015

5.1 Trade list

This window lists all the trades owned by the member. For General Clearing Members, also Non-Clearing Members trades are shown. The window lists the trades of the current business date. New trades are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a trade (i.e. Client Code Change, Open / Close Change, Split, International Give Up, Trade Transfer, ...) is automatically shown. A trade is automatically removed from the Trades List after a transfer to another clearing member or after a split.



Market	Trade date	Contract number	Side	Trade price	Quantity	Contract state	Account type	Sub account	Series name	ISIN code
DER	12/29/14	15294	B	1.000000	17	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15293	B	1.000000	17	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15292	B	1.000000	17	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15291	B	1.000000	2	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15290	B	1.000000	15	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15289	B	1.000000	17	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15288	B	1.000000	17	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15287	B	1.000000	17	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15286	B	1.000000	2	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15285	B	1.000000	15	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15284	B	1.000000	2	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15283	B	1.000000	15	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15282	B	1.000000	4	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15281	B	1.000000	13	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15280	B	1.000000	4	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15279	B	1.000000	13	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15278	B	1.000000	6	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15277	B	1.000000	11	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15276	B	1.000000	6	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15275	B	1.000000	11	T	C	*OMN	FNC5X5.40	IT0011466718
DER	12/29/14	15274	B	1.000000	4	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15273	B	1.000000	13	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15272	B	1.000000	6	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15271	B	1.000000	11	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15270	B	1.000000	8	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15269	B	1.000000	9	T	C	*OMN	MIBO5C19500	IT0011563811
DER	12/29/14	15268	B	1.000000	8	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15267	B	1.000000	9	T	C	*OMN	FNC5C5.20	IT0011528780
DER	12/29/14	15266	B	1.000000	8	T	C	*OMN	FNC5X5.40	IT0011466718

In order to have access to previous days trades, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market, the Account Type and the Side fields and click on the Download button. Trades that match the specified criteria will be displayed.

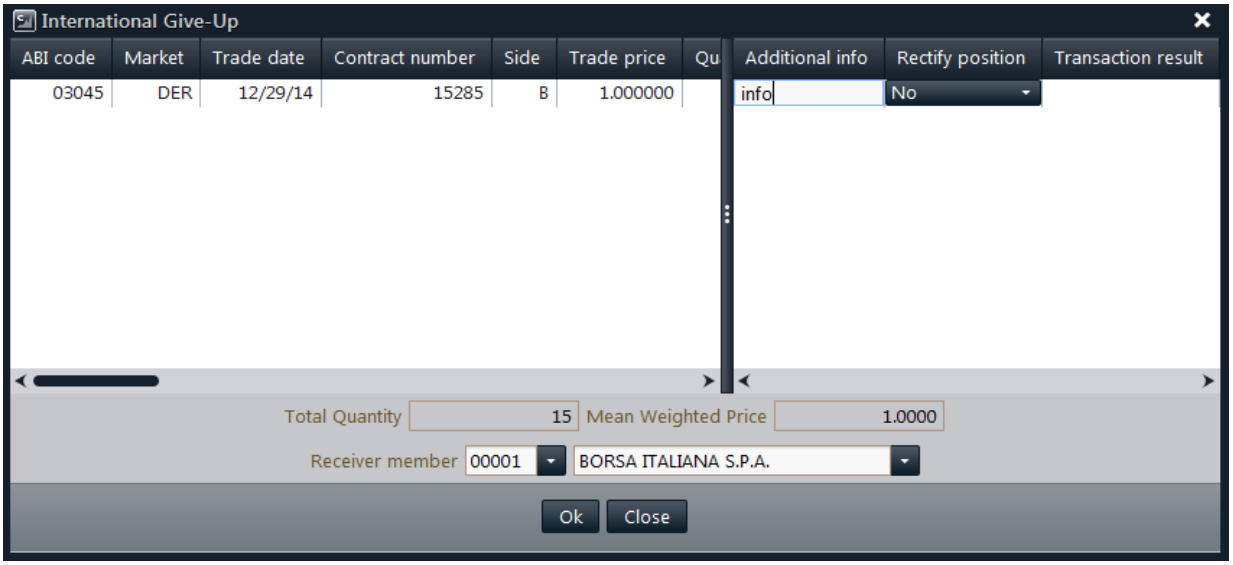
Table columns description:

ABI Code	Clearing Member Identification Code for the Clearing system
Market	Trading Market
Trade Date	Business Date of the Trade
Contract Number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by: Market + Contract Number + Side + Trade Date
Side	Side of the Trade (Buy / Sell)
Trade Price	Price of the Trade
Quantity	Quantity of the Trade
Contract State	State of the Trade (T = Active / C = Cancelled)
Account Type	Account Type (House / Client)
Sub Account	Sub Account
Series Name	Name of the Tradable Series
ISIN Code	ISIN code of the Tradable Series
Order Number	Unique identifier of the order in the Trading System
Original Contract Number	Trade Identification Number for the Clearing system before a split. In case of multiple splits, the Contract Number of the original trade is shown
Market Contract Number	Trade Identification Number assigned by the Trading System.
Trade Time	Execution Time of the Trade
Symbol	Alphanumeric Symbol of Underlying
Expiration Month	Expiration Month of the Tradable Series

Strike Price	Strike Price of the Tradable Series
Put/Call	Option type (Put / Call) of the Tradable Series
Open/Close	Open / Close
Trader Id	Trader Identifier assigned by the Trading System
Requested for Transfer Quantity	Transferred Quantity
Client Code	Client Alphanumeric Code
Client Info	Optional free text notes
Trade Source	Source of the Trade (M = Market, G = Give-Up, S = Split, D = Data Entry)
Market Trade Source	Market Source of the trade

International Give up

The International Give Up allows to send one or more trades to another clearing member. The transfer is performed at the execution price. The settlement of the variation margins (or the premium as well) is performed accordingly. Only the clearer has to deposit initial margins. The clearing system processes the transfer request only after the counterpart has accepted the received trade. This function is available only on T trades. It is possible to transfer trades only to counterparts other than the member itself. Only the overall amount of trade can be transferred.



In order to send an International Give up, the user should select one or more trades from the Trades List, right click on them and select *International Give-Up*.

The following steps should be performed:

1. Select *Yes* or *No* in the *Rectify Position* option. Selecting *Yes* the clearing system will automatically increase the positions in case they are no more available when the receiver clearing member accepts the transfer (i.e. in case of trade executions on the transferred series);
3. Insert a value into the *Additional Info* field (optional);
4. Select the Receiver Member specifying the ABI code or the clearing member description;
5. Press the *OK* button to confirm.

A confirmation message will be shown informing that the transaction has been correctly sent.

Trade Transfer

The Trade Transfer allows to send one or more trades to another clearing member. The transfer is performed at the execution price. The settlement of the variation margins (or the premium as well) is performed accordingly. Only the clearer has to deposit initial margins. The clearing system processes the transfer request only after the counterpart has accepted the received trade. This function is available only on T+1 and T+2 trades. It is possible to transfer trades only to counterparts other than the member itself. Only the overall amount of trade can be transferred.

In order to send a Trade Transfer, the user should click on the “+” button on the Business Date Bar and select the T+1 (or T+2) date. A new tab will appear in the Business Date Bar. The user should select the Market, the Account Type and the Side fields and click on the Download button. Trades that match the specified criteria will be displayed. The user should select one or more trades from the Trades List, right click on them and select *Trade Transfer*.

The following steps should be performed:

1. Select *Yes* or *No* in the *Rectify Position* option. Selecting *Yes* the clearing system will automatically increase the positions in case they are no more available when the receiver clearing member accepts the transfer (i.e. in case of trade executions on the transferred series);
3. Insert a value into the *Additional Info* field (optional);
4. Select the Receiver Member specifying the ABI code or the clearing member description;
5. Press the *OK* button to confirm.

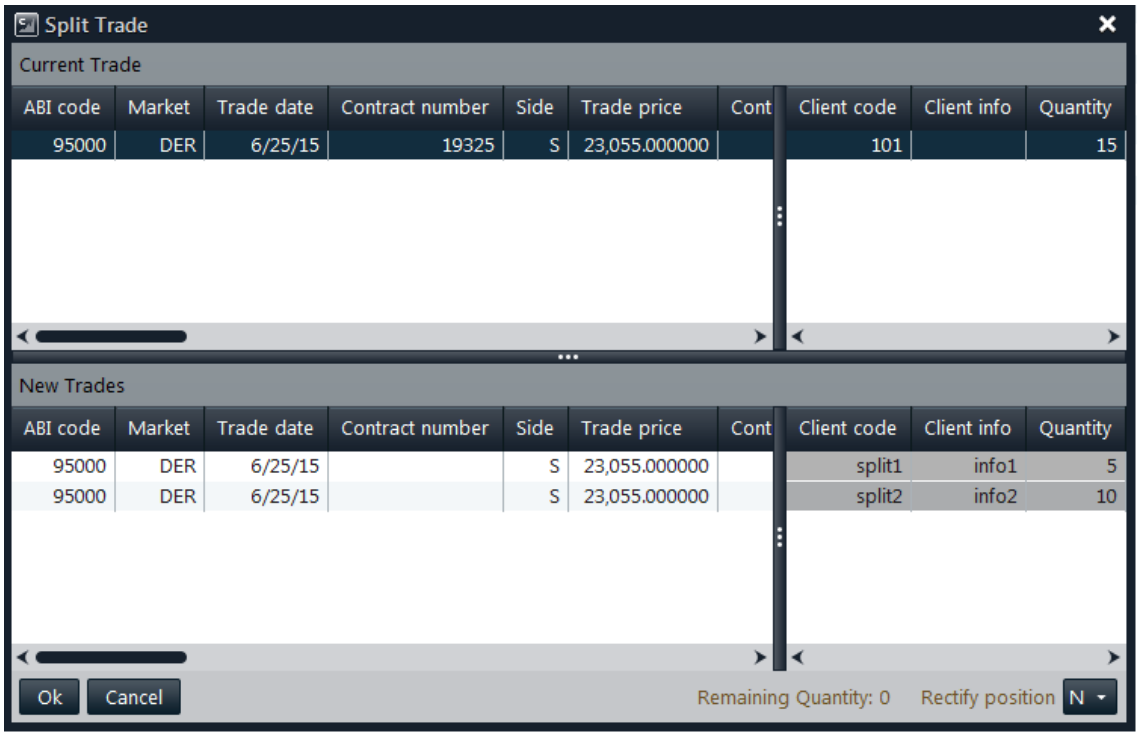
A confirmation message will be shown informing that the transaction has been correctly sent.

Split

The Split allows to separate any trade into a set trades (up to 8), each one having a different volume amount. The total amount of the separated trades should be equal to the volume of the original trade.

This function is allowed on T and T+1 trades.

In order to execute a Split, the user should select a trade from the Trades List, right click on it and select *Split*.


Split Trade
Current Trade
ABI code Market Trade date Contract number Side Trade price Cont Client code Client info Quantity
95000 DER 6/25/15 19325 S 23,055.000000 101 15
New Trades
ABI code Market Trade date Contract number Side Trade price Cont Client code Client info Quantity
95000 DER 6/25/15 S 23,055.000000 split1 info1 5
95000 DER 6/25/15 S 23,055.000000 split2 info2 10
Ok
Cancel
Remaining Quantity: 0
Rectify position
N

A pop-up will be opened, showing in the higher part the current trade and in the lower part the trades that will be created after the split.

The following steps should be performed:

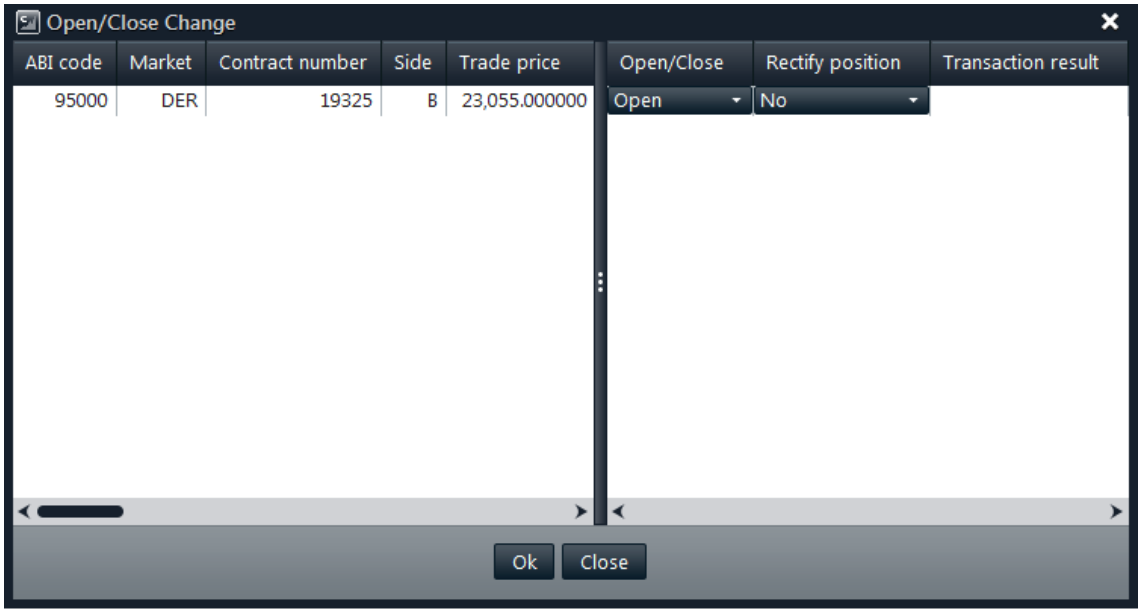
1. Insert a value into the *Quantity* field in both the rows of the *New Trades* table. In case more than two trades should be generated from the split, the total amount should be lower than the quantity of the original trade; in this case, an additional row will be shown in the *New Trades* table, allowing to specify the *Quantity* field for another trade. The *Remaining Quantity* indicator, in the lower part of the window, shows the quantity of the original trade that still needs to be allocated;
2. Repeat the insertion of the quantity for each trade that should be generated from the split (up to 8 trades);
3. Insert a value into the *Client Code* field in any row of the *New Trades* table (optional);
4. Insert a value into the *Client Info* field in any row of the *New Trades* table (optional);
5. Press the *OK* button to confirm.

A confirmation message will be shown informing that the transaction has been correctly sent.

Open / Close Change

This function is allowed only on T trades.

In order to execute an Open / Close Change, the user should select one or more trades from the Trades List, right click on them and select *Open/Close Change*.



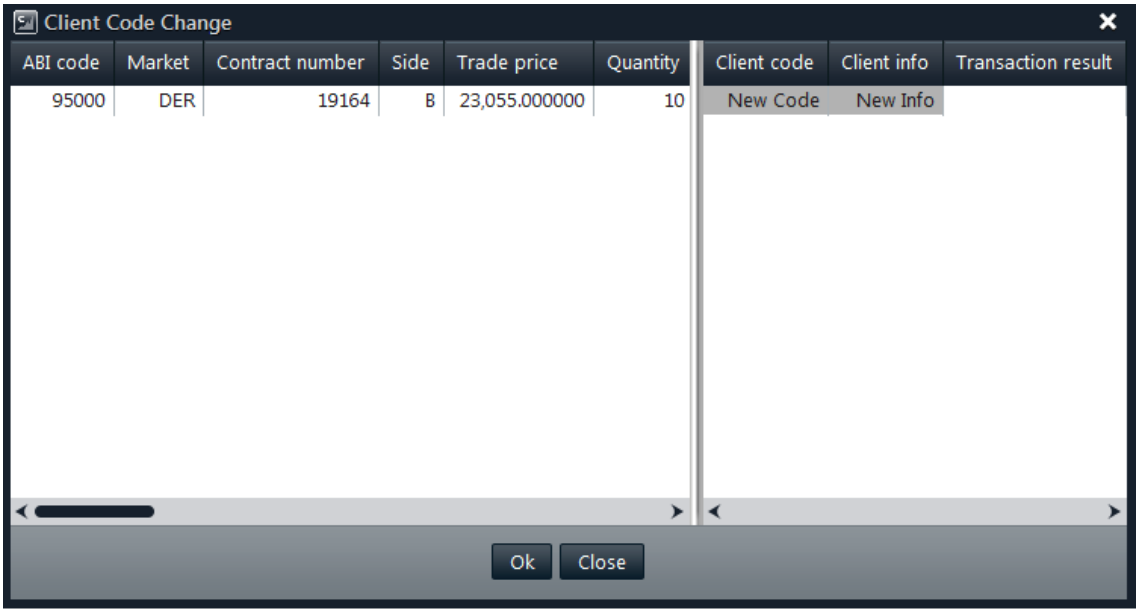
The following steps should be performed:

1. Select *Open* or *Close* in the *Open/Close* option;
2. Select *Yes* or *No* in the *Rectify Position* option;
3. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

Client Code Change

The Client Code Change allows to change the *Client Code* and the *Client Info* values of one ore more trades. This operation could trigger a Sub Account Change or an Automatic Give-Up in case the specified Client Code has been previously created and associated to any of this functionalities (see sections 3.6 and 3.7).



In order to execute a Client Code Change, the user should select one or more trades from the Trades List, right click on them and select *Client Code Change*.

The following steps should be performed:

1. Insert a value into the *Client Code* field;
2. Insert a value into the *Client Info* field (optional);
3. Press the *OK* button to confirm.

In case multiple trades have been selected, it's possible to insert the same *Client Code* and the same *Client Info* values in all of them at the same time using the copy and paste functionality (CTRL+C; CTRL+V) in the *Client Code Change* window.

Trade History

The Trade History allows to download all the clearing operations done on a selected trade.

In order to access the Trade History, the user should select a trade from the Trades List, right click on it and select T*rade History*.

A pop-up will be shown, listing each clearing operation performed on the trade:

Table columns description:

ABI Code	Clearing Member Identification Code for the Clearing system
Market	Trading Market
Trade Date	Business Date of the Trade
Contract Number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by: Contract Number + Side + Trade Date
Side	Side of the Trade (Buy / Sell)
Trade Price	Price of the Trade
Quantity	Quantity of the Trade
Contract State	State of the Trade (T = Active / C = Cancelled)
Account Type	Account Type (House / Client)
Sub Account	Sub Account
Series Name	Name of the Tradable Series
ISIN Code	ISIN code of the Tradable Series
Order Number	Unique identifier of the order in the Trading System
Original Contract Number	Trade Identification Number for the Clearing system before a split. In case of multiple splits, the Contract Number of the original trade is shown
Market Contract Number	Trade Identification Number assigned by the Trading System.
Trade Time	Execution Time of the Trade
Symbol	Alphanumeric Symbol of Underlying
Expiration Month	Expiration Month of the Tradable Series
Strike Price	Strike Price of the Tradable Series

Put/Call	Option type (Put / Call) of the Tradable Series
Open/Close	Open / Close
Trader Id	Trader Identifier assigned by the Trading System
Requested for Transfer Quantity	Transferred Quantity
Client Code	Client Alphanumeric Code
Client Info	Optional free text notes
Trade Source	Source of the Trade (M = Market, G = Give-Up, S = Split, D = Data Entry)
Market Trade Source	Market Source of the trade
Operation	Clearing Operation performed on the Trade

5.2 Transfers

This window lists all the International Give-Ups and Trade Transfers of the member. For General Clearing Members, also Non-Clearing Members transfers are shown. The window lists the transfers executed on the current business date. New transfers are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on a transfer (i.e. transfer status changed) is automatically shown.

The window is composed by two tables: the *Transferred Trades* and the *Received Trades*. The *Transferred Trades* table shows all the transfers sent by the member to other clearing members. The *Received Trades* table shows all the transfers received by the member. The color of the row identifies if the request has been accepted by the receiver clearing member (green row), has been refused (red row), is still pending (yellow row), or has been cancelled by the member (white row).

In order to have access to previous days transfers, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Transfers that match the specified criteria will be displayed.

The color of the row shows the transfer status, according to the following table:

Color	Status	Description
Green	Processed	The receiver accepted the transfer. The trade is now owned by the receiver.
Red	Rejected	The receiver rejected the transfer. The trade is still owned by the sender.
Yellow	Holding	The receiver didn't accept (or reject) the transfer yet. The trade is still owned by the sender.
White	Cancelled	The sender cancelled the transfer request before the receiver accepted or rejected it. The trade is still owned by the sender.

Table columns description:

Deliver Member	Deliver ABI Code
Receiver Member	Receiver ABI Code
Deliver Name	Deliver Name
Receiver Name	Receiver Name

Status	Status of the Transfer (H=Holding, P=Processed, R=Rejected, C=Cancelled)
Additional Info	Free text additional information
Market	Trading Market
Trade Date	Business Date of the Trade
Contract Number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by: Contract Number + Side + Trade Date
Side	Side of the Trade (Buy / Sell)
Series Name	Name of the Tradable Series
ISIN Code	ISIN code of the Tradable Series
Original Contract Number	Trade Identification Number for the Clearing system before a split. In case of multiple splits, the Contract Number of the original trade is shown
Market Contract Number	Trade Identification Number assigned by the Trading System.
Transfer Date	Business Date of the Transfer
Entry Time	Entry Time of the Transfer (when the Deliver Clearing Member sent the Transfer Request)
Execution Time	Execution Time of the Transfer (when the Receiver Clearing Member accepted/rejected the Transfer Request)
Price	Transfer Price
Symbol	Alphanumeric Symbol of Underlying
Expiration Month	Expiration Month of the Tradable Series
Strike Price	Strike Price of the Tradable Series
Put/Call	Option type (Put / Call) of the Tradable Series
Deliver Account Type	Deliver Account Type (House / Client)
Receiver Account Type	Receiver Account Type (House / Client)
Deliver Client Info	Deliver Client Info
Deliver Client Code	Deliver Client Code
Receiver Client Info	Receiver Client Info

Receiver Client Code	Receiver Client Code
Sub Account	Sub Account
Quantity	Transfer Quantity
Transferred/Received	Transfer Type (Transferred / Received)
Product Type	Product type of the Tradable Series (B = bond, C = equity and fund quotes, F=future, O= option, R = repo, V= convertible, W = warrant)
Transfer Mode	Transfer Mode (Automatic / Manual)

Cancel Transfer Request

Pending trade transfers with status H (Holding) can be cancelled by the deliver member. The user should right click on the pending transfers in the *Transferred Trades* table and select *Cancel Transfer Request*.

The following steps should be performed:

2. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

Confirm Transfer Request

Pending trade transfers with status H (Holding) can be accepted (confirmed) by the receiver member. The user should right click on the pending transfers in the *Received Trades* table and select *Confirm*.

The transfer will be executed by the clearing system only after the user accepts the received trade. Received trades can be allocated on house or client account. If the transfer is accepted, the color of the row gets green as soon as the transfer is executed by the clearing system; the red row confirms instead that the transfer request has been rejected by the user.

Please notice: Trades transferred via Automatic Give-Up don’t need to be accepted by the receiver member.

International Give-ups not accepted by the end of the day, will expire.

The following steps should be performed:

7. Select *Open* or *Close* in the *Open/Close* option;
8. Select *Client* or *House* in the *Account Type* option;
9. Insert a value into the *Client Code* field (optional);
10. Insert a value into the *Client Info* field (optional);
11. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

Reject Transfer Request

Pending trade transfers with status H (Holding) can be rejected by the receiver member. The user should right click on the pending transfers in the *Received Trades* table and select *Reject*.

The following steps should be performed:

2. Press OK button to confirm

A confirmation message will be shown informing that the transaction has been correctly sent.

5.3 Splits

This window lists all the trade splits executed by the member. For General Clearing Members, also Non-Clearing Members splits are shown. The window lists the splits executed on the current business date. New splits are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.
In order to have access to previous days splits, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Splits that match the specified criteria will be displayed.

Table columns description:

ABI Code	Clearing Member Identification Code for the Clearing system
Market	Trading Market
Contract number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by: Contract Number + Side + Trade Date
Original Contract Number	Trade Identification Number for the Clearing system before a split. In case of multiple splits, the Contract Number of the original trade is shown
Series name	Name of the Tradable Series
Trade date	Business Date of the Trade
Buy/Sell	Side of the Trade (Buy / Sell)
Account type	Account Type (House/Client)
Quantity	Quantity of the Trade
Client info	Optional free text notes
Client code	Client Alphanumeric Code
Market Contract Number	Trade Identification Number assigned by the Trading System

5.4 Open Close Changes

This window lists all the Open / Close Changes executed by the member. For General Clearing Members, also Non-Clearing Members Open / Close Changes are shown. The window lists the changes executed on the current business date. New Open / Close Changes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.
In order to have access to previous days Open / Close Changes, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Open / Close Changes that match the specified criteria will be displayed.

Table columns description:

Open Close	Open / Close (O = Open, C = Close)
Sub Account	Sub Account
Market	Trading Market
ABI Code	Clearing Member Identification Code for the Clearing system
Trade Date	Business Date of the Trade
Contract number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by: Contract Number + Side + Trade Date
Account type	Account Type (House / Client)
Symbol	Alphanumeric Symbol of Underlying
Client Info	Optional free text notes
Client Code	Client Alphanumeric Code
Expiration date	Expiration Date of the Tradable Series
Strike Price	Strike Price of the Tradable Series
Put / Call	Option type (P = Put, C = Call)
ISIN code	ISIN code of the Tradable Series
Series Name	Name of the Tradable Series
Quantity	Quantity of the Trade
Side	Side of the Trade (Buy / Sell)
Market Contract	Trade Identification Number assigned by the Trading System.

Number	
Request Time	Execution Time of the Open / Close Change Request
Request Date	Execution Date of the Open / Close Change Request
Request State	State of the Open / Close Change Request
Return Code	Return Code of the Open / Close Change Request

5.5 Client Code Changes

This window lists all the Client Code Changes executed by the member. For General Clearing Members, also Non-Clearing Members Open / Close Changes are shown. The window lists the changes executed on the current business date. New Client Code Changes are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.
In order to have access to previous days Client Code Changes, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market field and click on the Download button. Client Code Changes that match the specified criteria will be displayed.

Table columns description:

Client Code	Client Alphanumeric Code
Original Client Code	Client Code before the Client Code Change
Client Info	Optional free text notes
Sub Account	Sub Account
Original Sub Account	Sub Account before the Client Code Change
Market	Trading Market
ABI Code	Clearing Member Identification Code for the Clearing system
Trade Date	Business Date of the Trade
Contract Number	Trade Identification Number assigned by the Clearing system Unique Key for a Trade is made by:

	Contract Number + Side + Trade Date
Side	Side of the Trade (Buy / Sell)
Account type	Account Type (House / Client)
Symbol	Alphanumeric Symbol of Underlying
Open / Close	Open / Close (O = Open, C = Close)
Rectify Position	Rectify Position (Y = Yes, N = No)
Expiration date	Expiration Date of the Tradable Series
Strike Price	Strike Price of the Tradable Series
Put / Call	Option type (P = Put, C = Call)
ISIN code	ISIN code of the Tradable Series
Series Name	Name of the Tradable Series
Quantity	Quantity of the Trade
Request Time	Execution Time of the Client Code Change Request
Request Date	Execution Date of the Client Code Change Request
Request State	State of the Client Code Change Request
Return Code	Return Code of the Client Code Change Request

6.0 Exercise / Assignments

This menu allows to exercise the long option positions and verify the assignments received for the short option positions.

The Exercise/Assignments menu is made by the following sub-menus:

- Early Exercise: it allows to access the function of Early Exercise “By Position”, i.e. by seeking the option position to exercise within the list of the open positions, or “By Series”, i.e. by seeking the option series to exercise within the list of all the option series;
- Expiry Exercise (Exercise By Exception): it allows to access the function of Expiry Exercise (Exercise By Exception) By Positions, i.e. by seeking the expiring option position within the list of the expiring option positions (where are also indicated the automatic exercises proposed by the clearing system), or “By Series”, i.e. by seeking the expiring option series within the list of all the expiring option series;
- Exercise Request History: it shows the early exercise requests and the expiry exercises (Exercise By Exception) requests sent by the member to the clearing system;
- Assignments: it shows all the assignments received by the member for its short option positions.

The information for the use of the above mentioned functions are provided below.

6.1 Early Exercise (By Positions)

This window lists all the options positions of the member for which is possible to send an Early Exercise Request (long positions). For General Clearing Members, also Non-Clearing Members data are shown. New data are automatically shown as soon as they are processed by the clearing system, without the need for manual refresh of the window. At the same way, any update on a position is automatically shown.

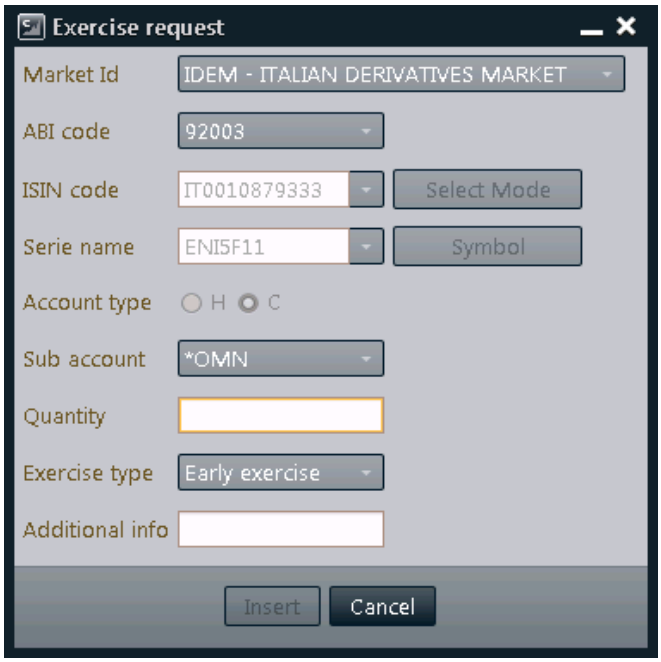
Table columns description:

Market	Trading Market
ABI code	Clearing Member Identification Code for the Clearing system
Account Type	Account Type (House/Client)
Sub Account	SubAccount
Series Name	Name of the Tradable Series
ISIN Code	ISIN Code
Long	Long current positions
Short	Short current positions
Symbol	Alphanumeric symbol of underlying instrument
Expiration Month	Expiration Month
Product Type	Product type (B = bond, C = equity and fund quotes, F = future, O = option, R = repo, V = convertible, W = warrant)
Expiration Date	Expiration Date
Strike Price	Strike Price
Put/Call	Option type (Put/Call)
Opening Date	Position opening date
Last Operation	Last operation date
Long at opening	Long positions at market opening
Short at opening	Short positions at market opening
Transfer Price	Transfer price
Intraday exercises	Early intraday exercises
Intraday assignments	Intraday assignments
Exercises	Early exercises
Assignments	Assignments
ITM amount	In the money amount

Early Exercise Request

The Early Exercise Request allows to send an early exercise request on the specified position to the clearing system.

In order to send an Early Exercise Request, the user should select a position from the Early Exercise (By Positions) window, right click on it and select *Early Exercise Request*.



The following steps should be performed:

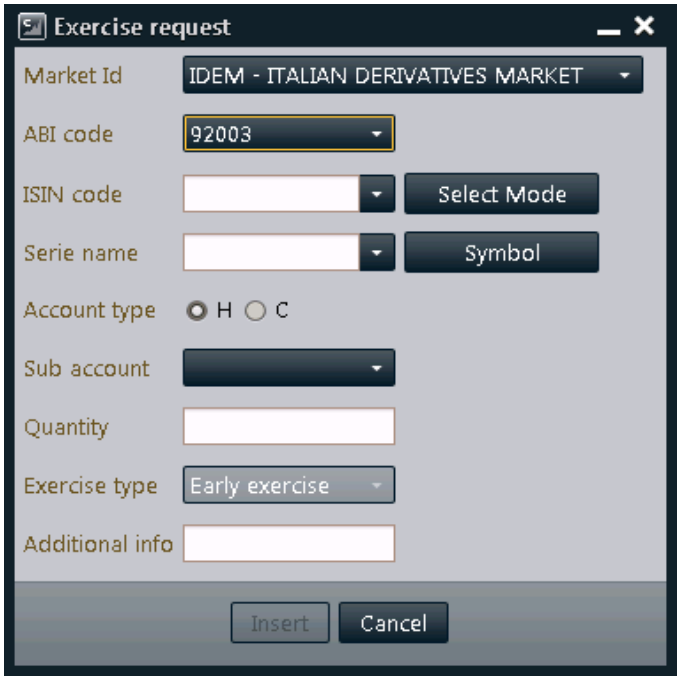
1. Insert the number of positions to be early exercised into the *Quantity* field; the quantity field is limited to four digits. In order to early exercise a quantity with more than four digits, the user should send more than one request, to cover the whole amount of positions to exercise;
2. Insert a value into the *Additional Info* field (optional);
3. Press the *Insert* button to confirm.

The list of early exercise requests sent can be downloaded through the Exercise/Assignments main menu, in the Exercise Request History sub-menu.

Please notice
An early exercise can be executed also in the Positions List window, which can be reached through the Positions main menu or in the Early Exercise (By Series) window, reachable from the Exercise / Assignments menu.

6.2 Early Exercise (By Series)

The Early Exercise (By Series) window allows to send early exercise requests to the clearing system by seeking the option series to exercise within the list of all the option series.



The following steps should be performed:

1. Select the tradable series of the position to early exercise in the *ISIN Code* or in the *Series Name* field;
2. Select *H* or *C* in the Account Type option;
3. Select the Sub Account of the position to early exercise in the *Sub Account* field;
4. Insert the number of positions to be early exercised into the *Quantity* field; the quantity field is limited to four digits. In order to early exercise a quantity with more than four digits, the user should send more than one request, to cover the whole amount of positions to exercise;
5. Insert a value into the *Additional Info* field (optional);
6. Press the *Insert* button to confirm.

A confirmation message informs the user that the transaction has been successfully committed

Please notice

An early exercise can be executed also in the Position List window, reachable from the Positions item of the main menu or in the Early Exercise (By Position) window, reachable from the Exercise / Assignments menu.

6.3 Expiry Exercise (Exercise by Exception) (By Positions)

This window lists all the automatic and non-automatic exercise proposals which could be confirmed or exercised by exception by the member. If the member intends to accept all exercise and non-exercise proposals, it does not need to perform any operations. For General Clearing Members, also Non-Clearing Members data are shown. Any update of the window is automatically shown without the need for manual refresh. Any exercise proposal will be automatically updated in case of Exercise By Exception sent by the member.

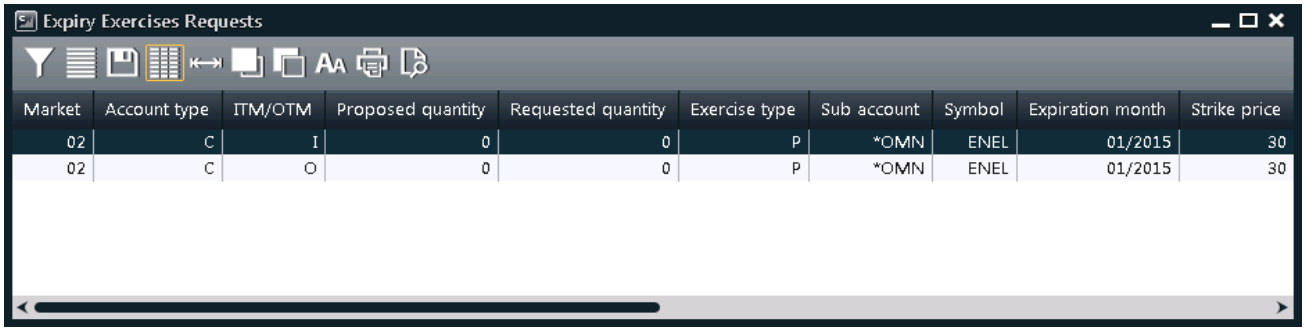


Table column description:

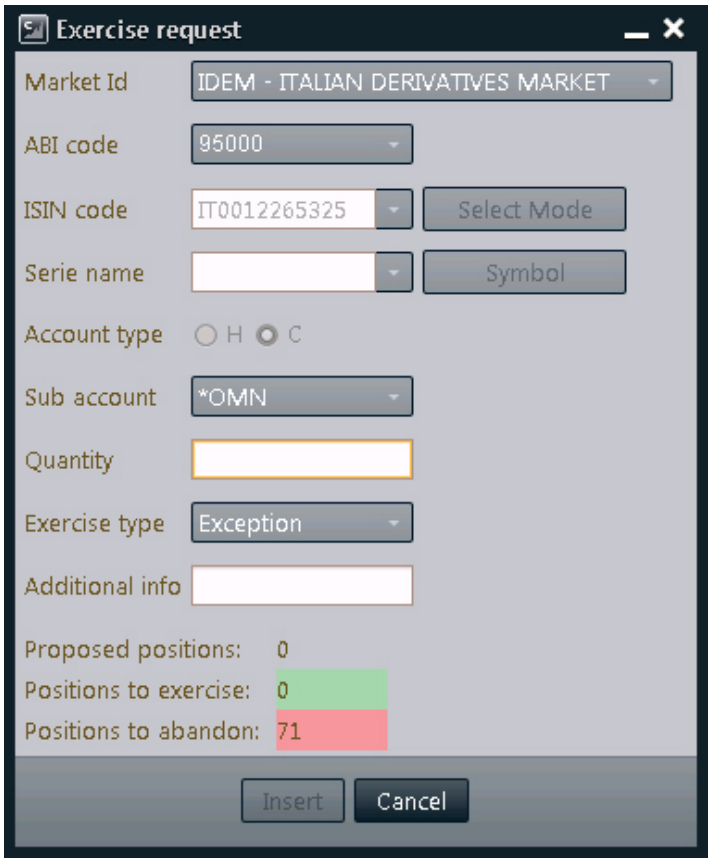
Market	Trading market
ABI code	Clearing Member Identification Code for the Clearing system
Account Type	Account Type (House / Client)
Sub Account	Sub Account
Symbol	Alphanumeric Symbol of Underlying
Expiration month	Expiration Month of the Tradable Series
Strike Price	Strike Price of the Tradable Series
Put/Call	Option type (Put / Call) of the Tradable Series
Product Type	Product type (B = bond, C = equity and fund quotes, F = future, O = option, R = repo, V = convertible, W = warrant)
ISIN Code	ISIN code of the Tradable Series
Proposed Quantity	Proposed quantity
Requested Quantity	Requested Quantity
Abandoned Quantity	Abandoned Quantity
Available Quantity	Available Quantity
Exercise type	Exercise type (P=Proposed, E=Exception)
ITM/OTM	In the Money / Out of the Money
ITM/OTM amount	In the Money / Out of the Money amount
Underlying Price	Underlying price
Series name	Name of the Tradable Series

Exercise By Exception Request

The Exercise By Exception allows the user to send:

1. a request to partially or entirely exercise an Out of the Money option, which would be otherwise, abandoned by the clearing system;
2. a request to entirely abandon an In the Money option, which would be otherwise exercised by the clearing system.

In order to send an Exercise By Exception request, the user should select an expiry exercise proposal from the Expiry Exercise (Exercise By Exception) (By Positions) window, right click on it and select *Exercise by Exception*.



The following steps should be performed:

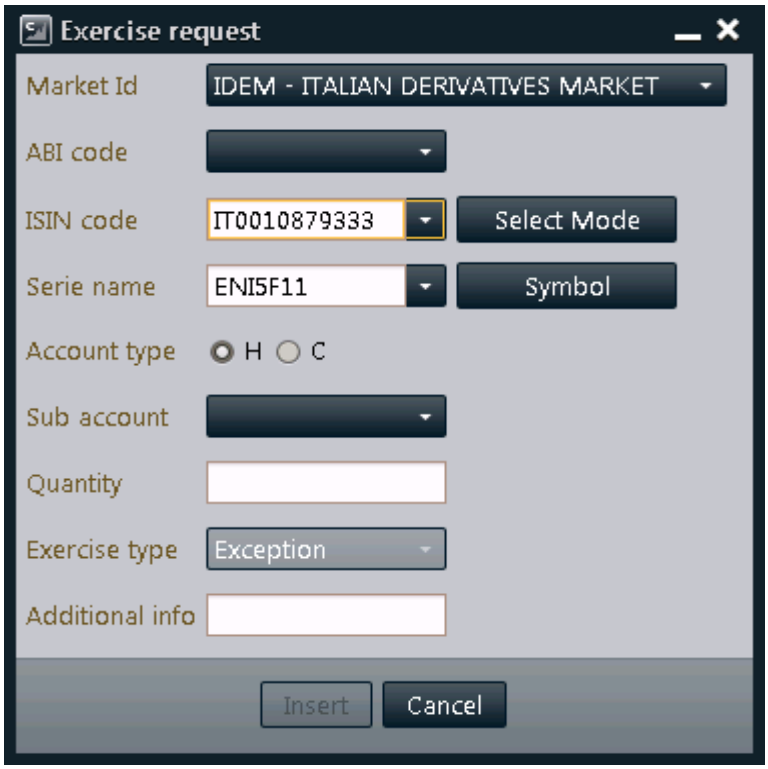
1. Insert the number of positions to be exercised by exception into the *Quantity* field; the quantity field is limited to six digits. Every Exercise by Exception sent replaces a previous request already sent on the same ISIN Code / Abi Code / Account Type / Sub Account;
2. Insert a value into the *Additional Info* field (optional);
3. Press the *Insert* button to confirm.

The list of exercise by exception requests sent can be downloaded through the Exercise/Assignments main menu, in the Exercise Request History sub-menu.

Please notice
An exercise by exception can be executed also in the Expiry Exercise (Exercise By Exception) (By Series) window, reachable from the Exercise / Assignments menu.

6.4 Expiry Exercise (Exercise by Exception) (By Series)

The Expiry Exercise (Exercise By Exception) (By Series) window allows to send to the an exercise by exception request to the clearing system.



The following steps should be performed:

1. Select the tradable series of the position to exercise by exception in the *ISIN Code* or in the *Series Name* field;
2. Select *H* or *C* in the Account Type option;
3. Select the Sub Account of the position to exercise by exception in the *Sub Account* field;
4. Insert the number of positions to be exercised by exception into the *Quantity* field; the quantity field is limited to six digits. Every Exercise by Exception sent replaces a previous request already sent on the same ISIN Code / Abi Code / Account Type / Sub Account;
5. Insert a value into the *Additional Info* field (optional);
6. Press the *Insert* button to confirm.

A confirmation message informs the user that the transaction has been successfully committed

Please notice
An exercise by exception can be executed also in the Expiry Exercise (Exercise By Exception) (By Positions) window, reachable from the Exercise / Assignments menu.

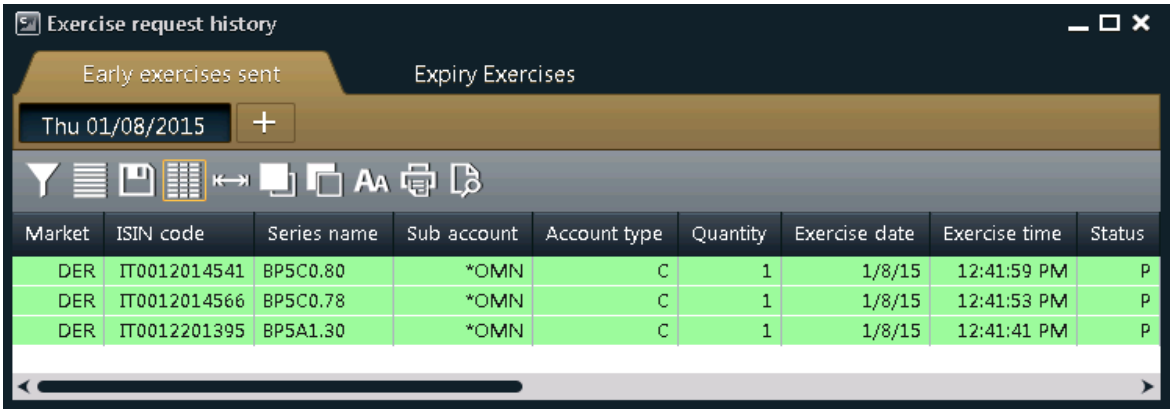
6.5 Exercise Request History

The Exercise Request History window is made by the following tabs:

- Early Exercises Sent: it shows the list of early exercise requests sent to the clearing system by the clearing member (and its NCM's) and allows to access the function of Cancel Early Exercise Request;
- Expiry Exercises: it shows the list of exercises by exception sent to the clearing system by the clearing member (and its NCM's).

Early Exercises Sent

This window lists all the early exercise requests sent by the member. For General Clearing Members, also Non-Clearing Members exercises are shown. The window lists the early exercise requests of the current business date. New exercises are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window. At the same way, any update on an exercise (i.e. cancellation) is automatically shown.



Market	ISIN code	Series name	Sub account	Account type	Quantity	Exercise date	Exercise time	Status
DER	IT0012014541	BP5C0.80	*OMN	C	1	1/8/15	12:41:59 PM	P
DER	IT0012014566	BP5C0.78	*OMN	C	1	1/8/15	12:41:53 PM	P
DER	IT0012201395	BP5A1.30	*OMN	C	1	1/8/15	12:41:41 PM	P

In order to have access to previous days exercises, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market and the ABI Code fields and click on the Download button. Exercises that match the specified criteria will be displayed.

Table columns description:

Market	Trading Market
ABI code	Clearing Member Identification Code for the Clearing system
ISIN Code	ISIN Code of the Tradable Series
Series Name	Name of the Tradable Series
Sub Account	Sub Account of the position
Account Type	Account Type (House/Client)
Quantity	Exercised Quantity
Exercise time	Time of the Exercise Request
Exercise date	Date of the Exercise Request
Status	Status of the Early Exercise Request (P=Processed, C=Cancelled)
Request Date	Request Date
Total exercises quantity	Total exercises quantity
ITM/OTM	In the Money / Out of the Money
ITM/OTM amount	In the Money / Out of the Money Amount
Symbol	Alphanumeric symbol of underlying instrument
Expiration Month	Expiration Month
Strike Price	Strike Price
Put/Call	Option Type (Put / Call)
Request key	Request Key of the Early Exercise Request assigned by the clearing system

Cancel Exercise Request: The Cancel Early Exercise Request allows to cancel an early exercise request previously sent to the clearing system.

In order to send a Cancel Early Exercise Request, the user should select an early exercise position from the Early Exercises Sent tab of the Exercise Request History window, right click on it and select *Cancel Early Exercise Request*.

The following steps should be performed:

1. Press the *Ok* button to confirm.

Expiry Exercises

This window lists on the expiration day all the exercise by exception requests sent by the member. For General Clearing Members, also Non-Clearing Members exercises are shown. New exercises are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.

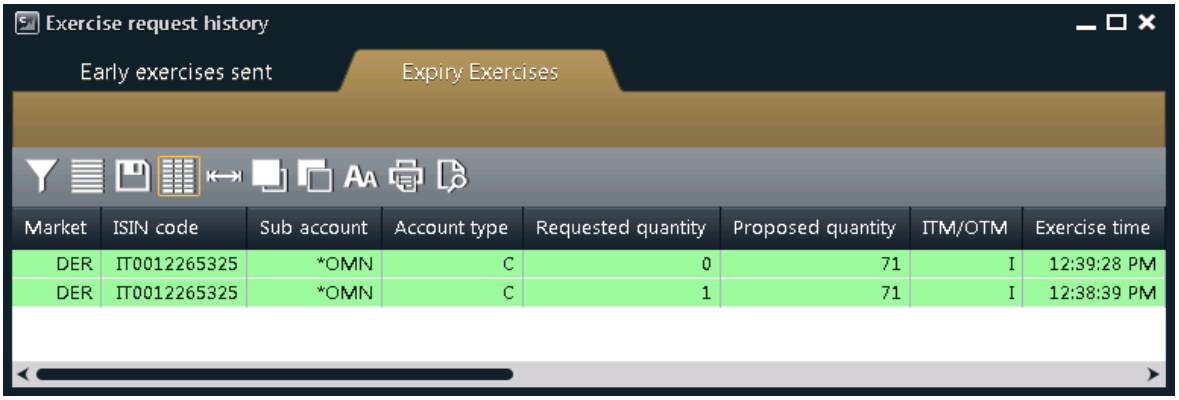


Table column description:

Market	Trading market
ABI Code	Clearing Member Identification Code for the Clearing system
Sub Account	Sub account of the position
ISIN Code	ISIN Code of the Tradable Series
Account Type	Account type: (House/Client)
Requested Quantity	Requested Quantity
Proposed Quantity	Proposed Quantity
ITM/OTM	In the Money / Out of the Money
ITM/OTM amount	In the Money / Out of the Money Amount
Exercise time	Time of the Exercise Request

Symbol	Alphanumeric symbol of underlying instrument
Series Name	Name of the Tradable Series
Strike Price	Strike price
Put/Call	Put/Call
Expiration month	Expiration Month
Additional info	Free text additional info
Product Type	Product type (B = bond, C = equity and fund quotes, F = future, O = option, R = repo, V = convertible, W = warrant)
Underlying Price	Underlying price
Status	Status of the Early Exercise Request (P=Processed, R=Refused)

Please notice

A cancel functionality for ex by ex requests is not available. Since the last ex by ex request always overwrites the former (on the same ISIN Code / Abi Code / Account Type / Sub Account), the user can just send another request with quantity 0 to delete a request previously sent.

6.6 Assignments

This window lists all the assignments received for the short option positions of the member. For General Clearing Members, also Non-Clearing Members assignments are shown. The window lists the assignments of the current business date. New assignments are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.

In order to have access to previous days assignments, it's possible to click on the "+" button on the Business Date Bar and select the date of interest.

A new tab will appear in the Business Date Bar. The user should select the Market and the ABI Code fields and click on the Download button. Assignments that match the specified criteria will be displayed.

Table columns description :

Market	Trading market
ABI Code	Clearing Member Identification Code for the Clearing system
ISIN Code	ISIN Code
Series Name	Name of the Tradable Series
Symbol	Alphanumeric symbol of underlying instrument
Account Type	Account type (House/Client)
Expiration Month	Expiration Month
Assignment Date	Assignment Date
Sub account	Sub Account
Strike Price	Strike price
Put/Call	Put/Call
Assigned Quantity	Assigned Quantity

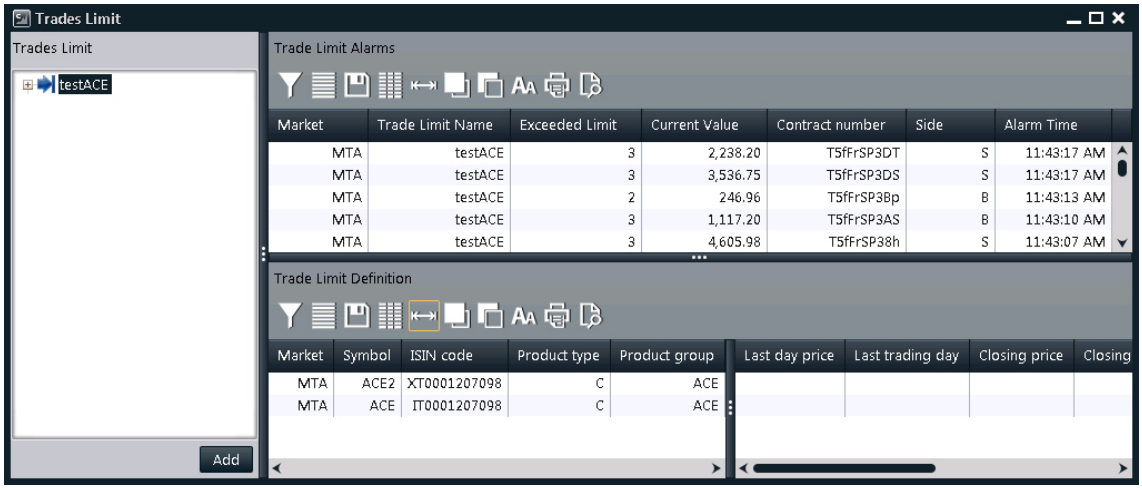
7.0 Risk Management

This menu allows to access to all the Risk Management functionalities: Trade Limit, Position Limit, Margin Limit and What If.

The Risk Management menu is made by the following windows:

- Trades Limit: it shows the list of trade limits of the clearing member (and its NCM's) and allows to create a new limit or change and delete an existing limit; for each trade limit, an alarm will be shown as soon as a new executed trade fall under the imposed trade limit threshold; this check will be carried out evaluating, for each new executed trades, the notional value for derivatives products or the counter value for stock contracts;
    - for derivatives instruments, the notional value is calculated multiplying the price by the quantity by the Index Point Value or Contract Size (if the instrument is on Index or on Stock); for a future instruments the price variable might refer to the trade price, settlement price or a VWAP price, while for an option instrument the price variable might refer to the premium or the strike price.
    - for stock instruments, the counter value is calculated multiplying the price by the quantity.
- Position Limit: it shows the list of position limits of the clearing member (and its NCM's) and allows to create a new limit or change and delete an existing limit; it shows, for each position limit, the limit values of the current business day; as for trade limit, this check is carried out evaluating, for all the trades in place that composes the positions included in the Position Limit, the notional value for derivatives products or the counter value for stock contracts;
- Margin Limit: it shows the list of the existing portfolios of the clearing member (and its NCM's) and, for each portfolio, the margin limit values of the current business day and the portfolio definition; it allows to create a new portfolio (and related margin limit) or change and delete an existing portfolio (and related margin limit);
- What If: it allows to calculate in advance the margin amount that the clearing system will ask to the member in case of a change on a the current open positions.

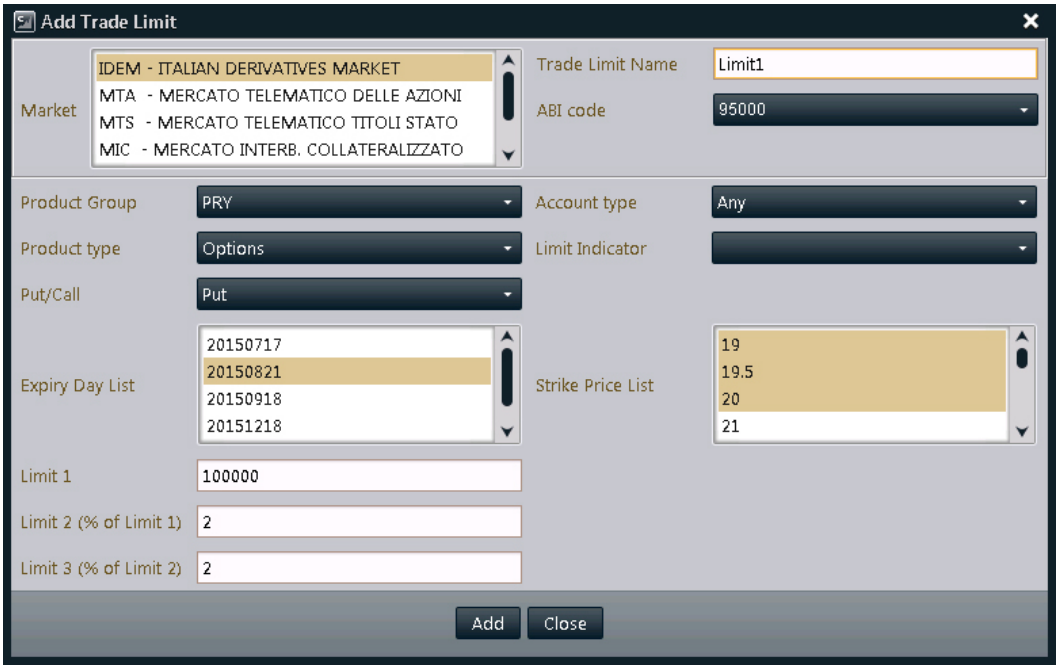
7.1 Trade Limit



This window is composed by three tables:

- *Trades Limit*: lists all the existing trade limits; right clicking on the limit, it is possible to change or delete the trade limit; clicking on the icon next to the Limit name, the details of the limit are shown. In case the risk engine doesn't work properly and the limit computation is not possible, the corresponding trade limit name will be highlighted with a yellow background.
  Clicking on the “Add” button, it is possible to add a new trade limit through the following window.

The following steps should be performed:

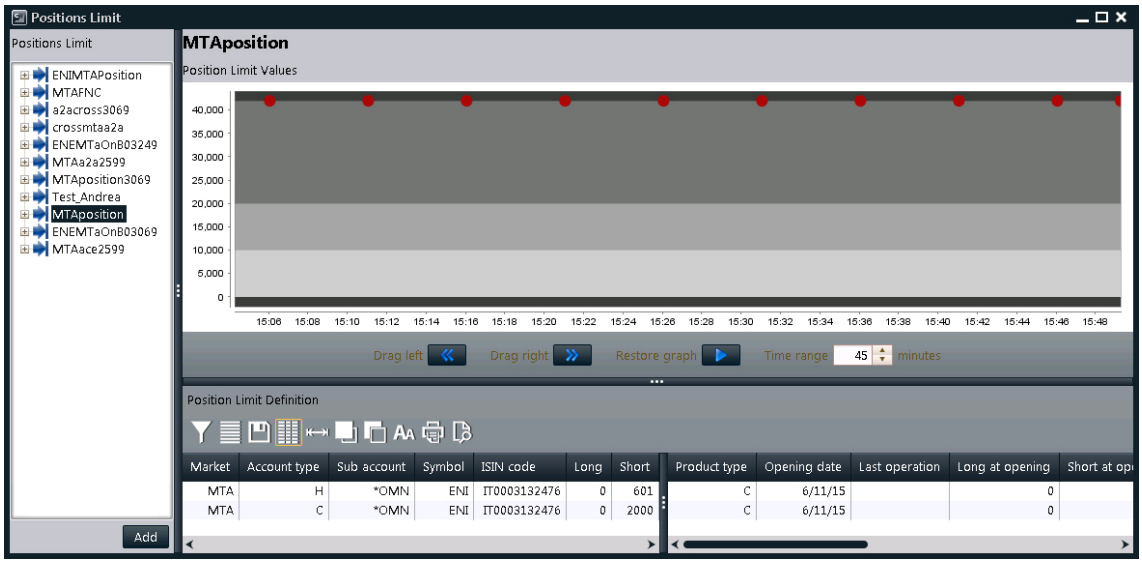


1. Select the market from the Market List;
2. Insert the Trade Limit Name in the related text box;
3. Select the ABI code from the combobox;
4. Select the ProductGroup from the combobox
5. Define a value for the Limit1

In order to narrow the subset of trades to be included in the limit, it is possible to select values for ProductType, Put/Call, ExpiryDay, StrikePrice; if the LimitIndicator field is blank, the “StrikePrice” value is considered as default value.
Clicking on the icon next to the Limit name the details of the limit are shown.

- *Trade Limit Definition*: it shows all the series included in the selected Trade Limit.
- *Trade Limit Alarm*: it shows an alarm as soon as an executed trade fall under the imposed trade limit threshold.

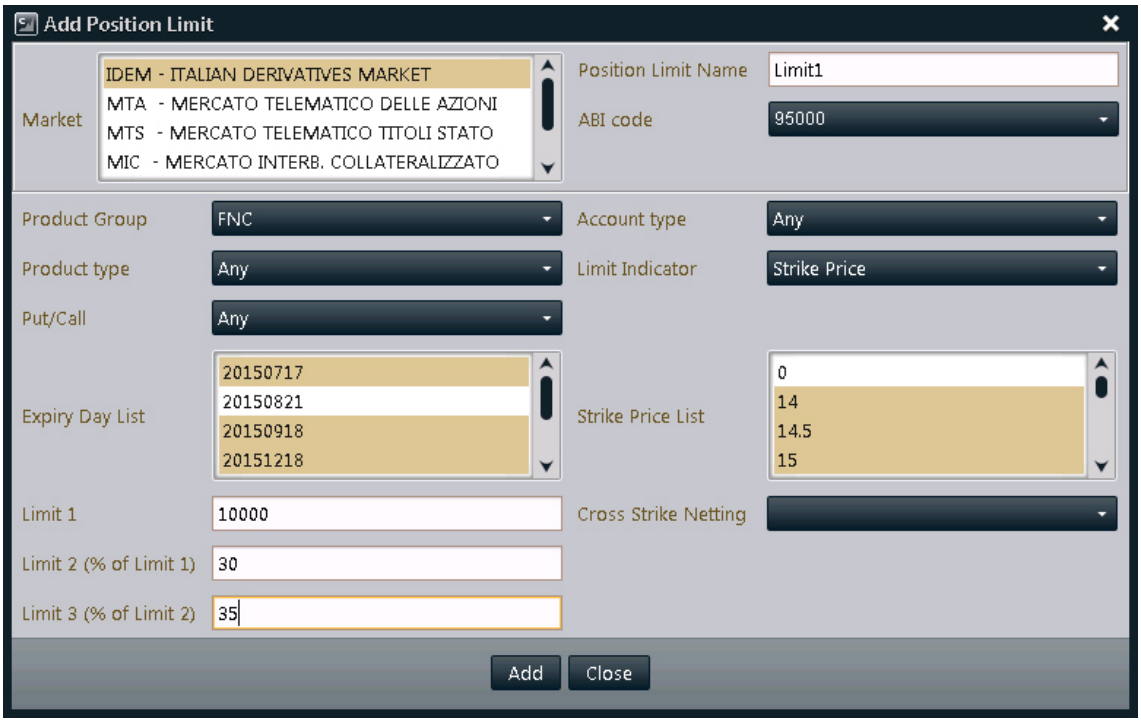
7.2 Position Limit



This window is composed by three tables:

- *Positions Limit*: lists all the existing position limits; right clicking on the limit, it is possible to change or delete the position limit; clicking on the icon next to the Limit name, the details of the limit are shown. In case the risk engine doesn't work properly and the limit computation is not possible, the corresponding position limit name will be highlighted with a yellow background.
  Clicking on the “Add” button on the bottom, it is possible to add a new position limit through the following window.

The following steps should be performed:



1. Select the market from the Market List;
2. Insert the Position Limit Name in the related text box;
3. Select the ABI code from the combobox;
4. Select the ProductGroup from the combobox
5. Define a value for the Limit1

In order to narrow the subset of positions to be included in the limit, it is possible to select values for ProductType, Put/Call, ExpiryDay, StrikePrice; if the LimitIndicator field is blank, the “StrikePrice” value is considered as default value.

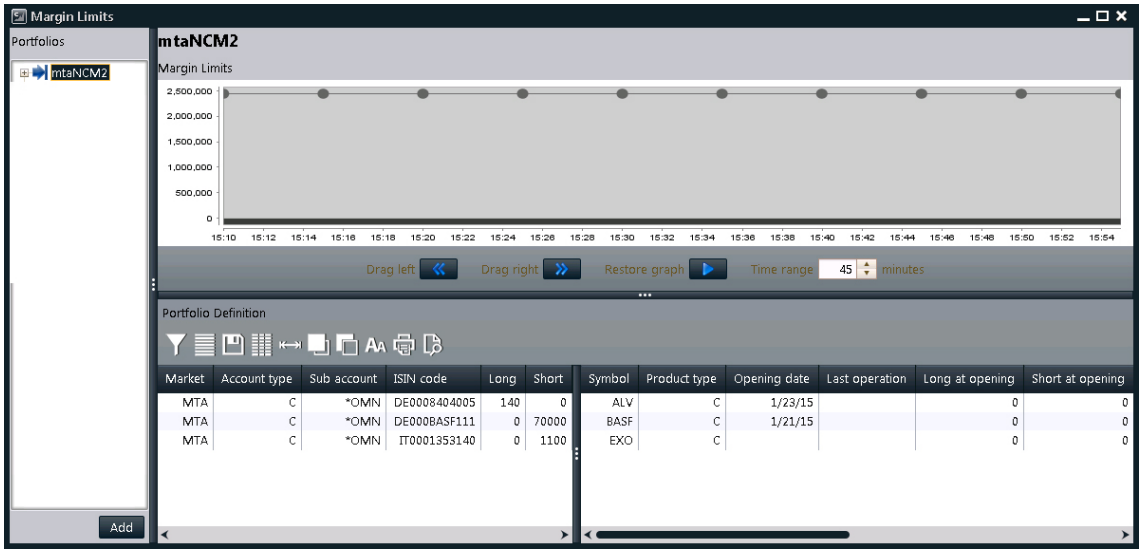
- *Position Limit Definition*: it shows all the positions included in the selected Positions Limit.

- *Position Limit Values*: it shows the timetable of the limit values, and the threshold of the Limit1 and, if specified in the PositionLimit definition, the threshold of Limit 2 and Limit 3. Every five minutes, a notification with the Position Limit value is received, and the

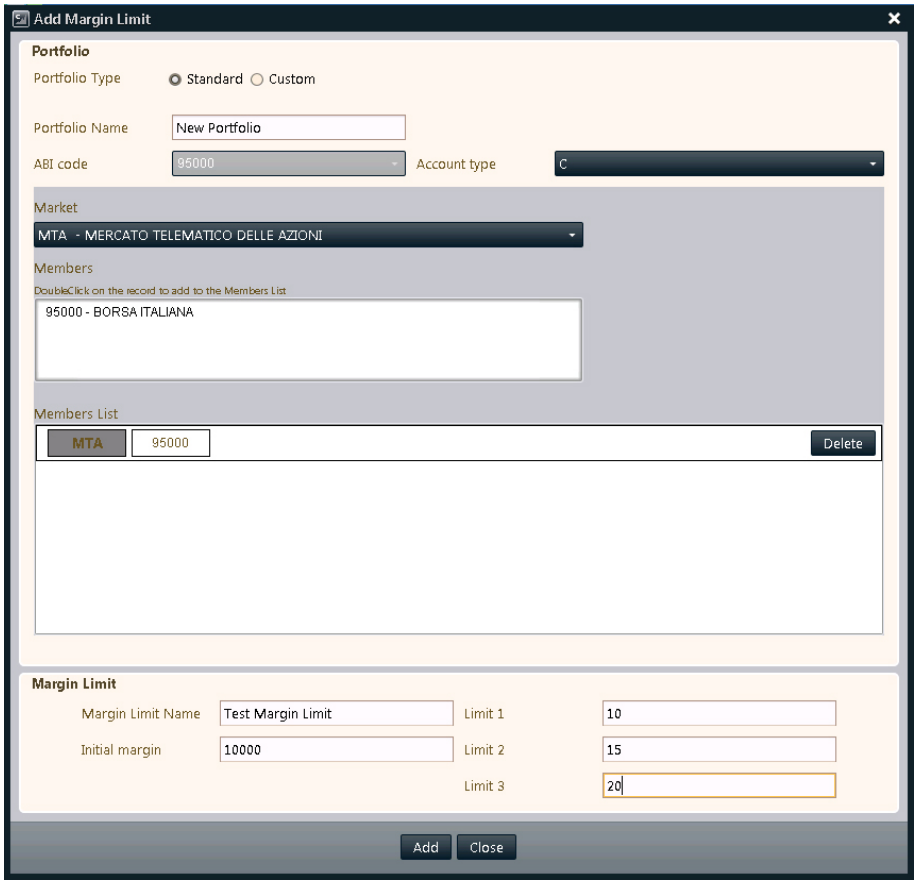
chart in the Position Limit Values table updates accordingly; as soon as a clearing operation that impacts the Position Limit value is executed, a notification with the new value of the Position Limit is received, and the chart in the Position Limit Values table updates accordingly.

7.3 Margin Limit

This window is composed by three tables:



- *Portfolios*: lists all the existing portfolios of the clearing member (and its NCM's) with an associated margin limit. By right clicking on the portfolio, it is possible to change the portfolio and the related margin limit or to delete them. By clicking on the icon next to the Portfolio name, the details of the portfolio and of the related margin limit are shown. In case the risk engine doesn't work properly and the margin limit computation is not possible, the corresponding Portfolio name will be highlighted with a yellow background. By clicking on the "Add" button on the bottom, it is possible to add a new portfolio with a new associated margin limit through the following window.



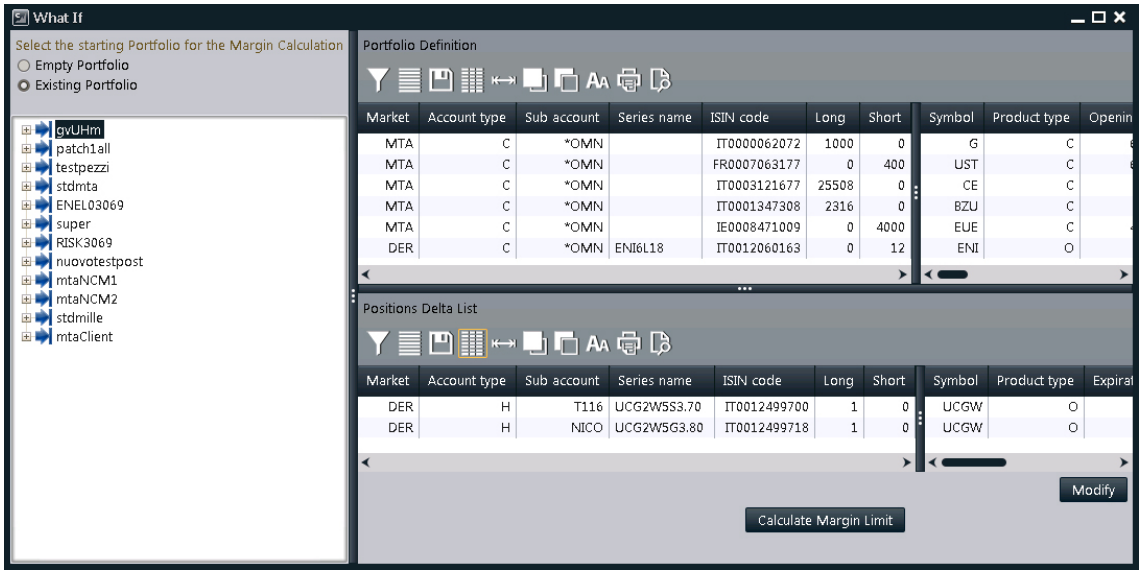
The following steps should be performed:

1. Select the Portfolio Type between *Standard* and *Custom*;
2. Insert the Portfolio Name in the related text box;
3. Select the ABI code from the combobox;
4. Select the Account Type from the combobox;
5. Select the Market from the related combobox;
6. Select the list of Members to be added in the new portfolio from the list of the available ones;
7. Define the Margin Limit by filling in the related text boxes: Margin Limit Name, Initial Margin value, Limit 1, Limit 2, and Limit 3 values.

- *Portfolio Definition:* it shows the composition of the selected portfolio.

- *Margin Limits*: it shows, for each portfolio, the timetable of the margin limit values of the current business day and the threshold of the Limit1, Limit2, and Limit3. Every five minutes, a notification with the Margin Limit value is received, and the chart in the Margin Limits table updates accordingly; as soon as a clearing operation that impacts the Margin Limits value is executed, a notification with the new value of the Margin Limits is received, and the chart in the Margin Limits table updates accordingly.

7.4 What If

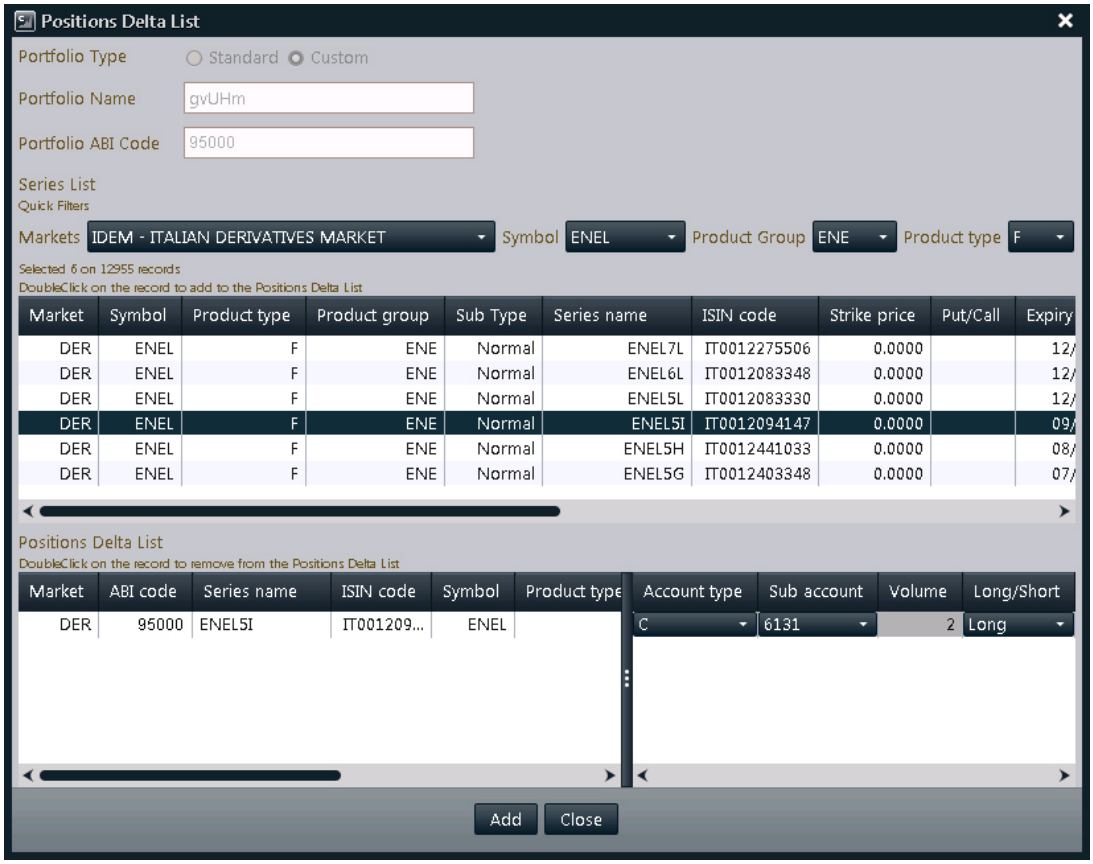

What If
Select the starting Portfolio for the Margin Calculation
Empty Portfolio
Existing Portfolio
gvUHm
patch1all
testpezzi
stdmta
ENEL03069
super
RISK3069
nuovotestpost
mtaNCM1
mtaNCM2
stdmille
mtaClient
Portfolio Definition
Market Account type Sub account Series name ISIN code Long Short Symbol Product type Openin
MTA C *OMN IT0000062072 1000 0 G C
MTA C *OMN FR0007063177 0 400 UST C
MTA C *OMN IT0003121677 25508 0 CE C
MTA C *OMN IT0001347308 2316 0 BZU C
MTA C *OMN IE0008471009 0 4000 EUE C
DER C *OMN ENI6L18 IT0012060163 0 12 ENI O
Positions Delta List
Market Account type Sub account Series name ISIN code Long Short Symbol Product type Expirat
DER H T116 UCG2W5S3.70 IT0012499700 1 0 UCGW O
DER H NICO UCG2W5G3.80 IT0012499718 1 0 UCGW O
Modify
Calculate Margin Limit

This window is composed by three tables:

- *Starting Portfolio*: lists the available portfolios with an associated margin limit that can be used as a starting point for the What If computation. The starting portfolio is to be chosen between an empty one or among the listed ones.

- *Portfolio Definition*: it shows the composition of the selected portfolio.

- *Positions Delta List*: it lists the positions to be considered as part of the starting portfolio for the What If computation of the new Margin value.
  By clicking on the “Modify” button on the bottom, it is possible to modify the Positions Delta List through the following window.


Positions Delta List
Portfolio Type
Standard
Custom
Portfolio Name
gvUHm
Portfolio ABI Code
95000
Series List
Quick Filters
Markets
IDEM - ITALIAN DERIVATIVES MARKET
Symbol
ENEL
Product Group
ENE
Product type
F
Selected 6 on 12955 records
DoubleClick on the record to add to the Positions Delta List
Market Symbol Product type Product group Sub Type Series name ISIN code Strike price Put/Call Expiry
DER ENEL F ENE Normal ENEL7L IT0012275506 0.0000 12/
DER ENEL F ENE Normal ENEL6L IT0012083348 0.0000 12/
DER ENEL F ENE Normal ENEL5L IT0012083330 0.0000 12/
DER ENEL F ENE Normal ENEL5I IT0012094147 0.0000 09/
DER ENEL F ENE Normal ENEL5H IT0012441033 0.0000 08/
DER ENEL F ENE Normal ENEL5G IT0012403348 0.0000 07/
Positions Delta List
DoubleClick on the record to remove from the Positions Delta List
Market ABI code Series name ISIN code Symbol Product type Account type Sub account Volume Long/Short
DER 95000 ENEL5I IT001209... ENEL C 6131 2 Long
Add
Close

The following steps should be performed:

1. Select the Market from the related combobox;
2. Select the Symbol from the related combobox;
3. Select the Product Group from the related combobox;
4. Select the Product Type from the related combobox;
5. Select the positions to be added in the Positions Delta List by double clicking on them;
6. In the Position Delta List table, for each position, select Account Type, Sub Account, Volume, and Long/Short from the related combobox;
7. Click the Add button at the bottom of the window;
8. Click the Calculate Margin Limit button at the bottom of the previous window to calculate the new margin value.

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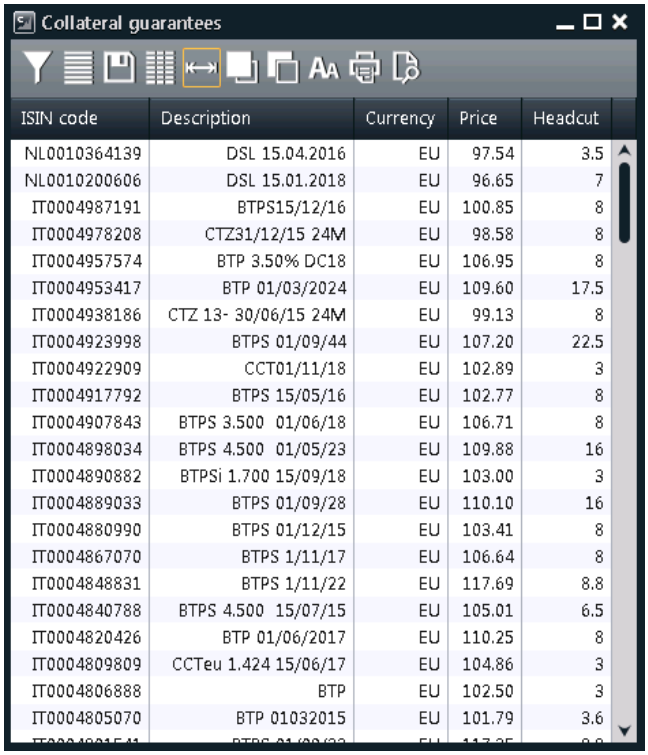
June 2015

8.0 Guarantees

This window shows collateral securities deposited in the Clearing System.

8.1 Collateral Guarantees

This window shows the list of securities eligible to be deposited in the clearing system.



ISIN code	Description	Currency	Price	Headcut
NL0010364139	DSL 15.04.2016	EU	97.54	3.5
NL0010200606	DSL 15.01.2018	EU	96.65	7
IT0004987191	BTPS15/12/16	EU	100.85	8
IT0004978208	CTZ31/12/15 24M	EU	98.58	8
IT0004957574	BTP 3.50% DC18	EU	106.95	8
IT0004953417	BTP 01/03/2024	EU	109.60	17.5
IT0004938186	CTZ 13- 30/06/15 24M	EU	99.13	8
IT0004923998	BTPS 01/09/44	EU	107.20	22.5
IT0004922909	CCT01/11/18	EU	102.89	3
IT0004917792	BTPS 15/05/16	EU	102.77	8
IT0004907843	BTPS 3.500 01/06/18	EU	106.71	8
IT0004898034	BTPS 4.500 01/05/23	EU	109.88	16
IT0004890882	BTPSi 1.700 15/09/18	EU	103.00	3
IT0004889033	BTPS 01/09/28	EU	110.10	16
IT0004880990	BTPS 01/12/15	EU	103.41	8
IT0004867070	BTPS 1/11/17	EU	106.64	8
IT0004848831	BTPS 1/11/22	EU	117.69	8.8
IT0004840788	BTPS 4.500 15/07/15	EU	105.01	6.5
IT0004820426	BTP 01/06/2017	EU	110.25	8
IT0004809809	CCTeu 1.424 15/06/17	EU	104.86	3
IT0004806888	BTP	EU	102.50	3
IT0004805070	BTP 01032015	EU	101.79	3.6

Table columns description:

ISIN Code	Security ISIN Code

Description	Security description
Currency	Security currency
Price	Market price is calculated, for Government bonds different from BOT, as the compounded average market price on MTS. If not available, a price meaningful of market conditions is referred to. BOTs are evaluated at their nominal value.
Headcut	HeadCut

8.2 Deposited guarantees

This window shows the list of collateral guarantees deposited in the clearing system.

Table columns description:

Allocation type	Allocation Type on cash guarantees (O=Option, F=Futures)
Deposit ID	Deposit ID
Repayment date	Repayment Date
ABI Code	Member's ABI Code
Account Type	Account Type: House/Client
Type	Deposit Type (GD=Government Bonds Deposit, BD=Equities Deposit, CC=cash)
Deposit Date	Deposit Date
Expiration Date	Expiration date
Quantity	Quantity (0 if cash)
Value	Margins hedge value (0 on not cash guarantees)
ISIN Code	ISIN Code (not valued if cash)
Description	Description
Currency	Currency
Sub Account	Subaccount

Bulk Deposit Modify: The user can change the allocation and the subaccount associated to one or more shares deposits. In order to access this function, the user has to right click on the a specified guarantee and select Bulk Deposit Modify.

In order to modify a subaccount the user has to select a new value in the SubAccount field; to modify the allocation just select O (option) or F(future); is possible to perform both these changes simultaneously. Click the OK button to send the modifications to the system. The results will be shown into the columns *Allocation type change result* and *Sub account change result*.

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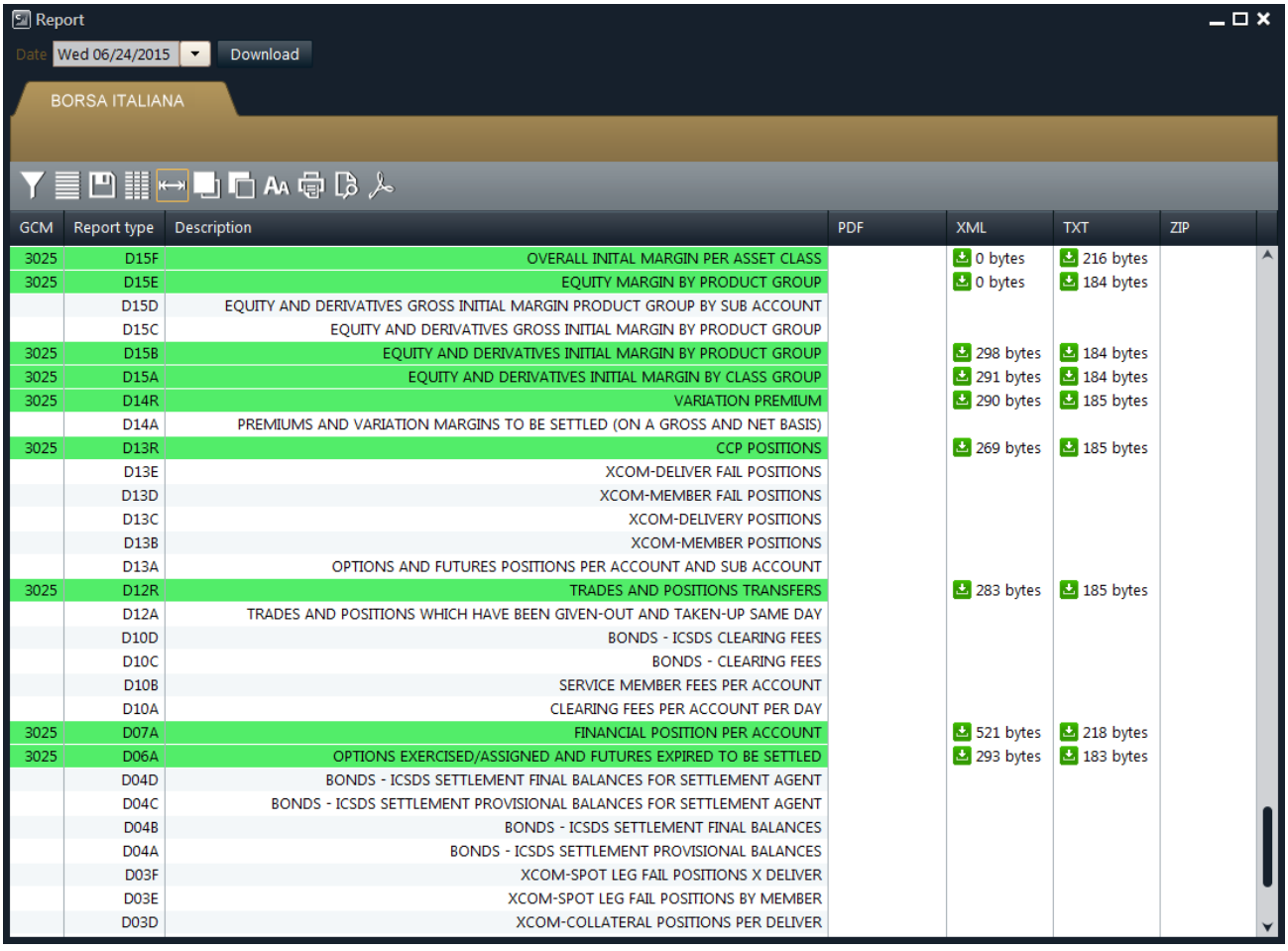
9.0 Report

This window shows the list of clearing reports provided by the clearing system, together with the Order and Trades files provided by the trading system.

9.1 Report

This window shows the list of the clearing reports available on a specified date. Some reports are available in a multiple format, so the user can select to download them in TXT, PDF or XML. A General Clearing Member can manage and download also its NCM's reports selecting the corresponding tab.



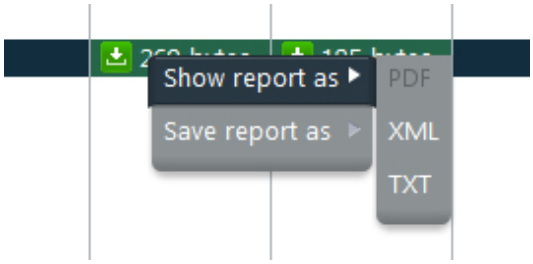
GCM	Report type	Description	PDF	XML	TXT	ZIP
3025	D15F	OVERALL INITAL MARGIN PER ASSET CLASS		0 bytes	216 bytes	
3025	D15E	EQUITY MARGIN BY PRODUCT GROUP		0 bytes	184 bytes	
	D15D	EQUITY AND DERIVATIVES GROSS INITIAL MARGIN PRODUCT GROUP BY SUB ACCOUNT				
	D15C	EQUITY AND DERIVATIVES GROSS INITIAL MARGIN BY PRODUCT GROUP				
3025	D15B	EQUITY AND DERIVATIVES INITIAL MARGIN BY PRODUCT GROUP		298 bytes	184 bytes	
3025	D15A	EQUITY AND DERIVATIVES INITIAL MARGIN BY CLASS GROUP		291 bytes	184 bytes	
3025	D14R	VARIATION PREMIUM		290 bytes	185 bytes	
	D14A	PREMIUMS AND VARIATION MARGINS TO BE SETTLED (ON A GROSS AND NET BASIS)				
3025	D13R	CCP POSITIONS		269 bytes	185 bytes	
	D13E	XCOM-DELIVER FAIL POSITIONS				
	D13D	XCOM-MEMBER FAIL POSITIONS				
	D13C	XCOM-DELIVERY POSITIONS				
	D13B	XCOM-MEMBER POSITIONS				
	D13A	OPTIONS AND FUTURES POSITIONS PER ACCOUNT AND SUB ACCOUNT				
3025	D12R	TRADES AND POSITIONS TRANSFERS		283 bytes	185 bytes	
	D12A	TRADES AND POSITIONS WHICH HAVE BEEN GIVEN-OUT AND TAKEN-UP SAME DAY				
	D10D	BONDS - ICSDS CLEARING FEES				
	D10C	BONDS - CLEARING FEES				
	D10B	SERVICE MEMBER FEES PER ACCOUNT				
	D10A	CLEARING FEES PER ACCOUNT PER DAY				
3025	D07A	FINANCIAL POSITION PER ACCOUNT		521 bytes	218 bytes	
3025	D06A	OPTIONS EXERCISED/ASSIGNED AND FUTURES EXPIRED TO BE SETTLED		293 bytes	183 bytes	
	D04D	BONDS - ICSDS SETTLEMENT FINAL BALANCES FOR SETTLEMENT AGENT				
	D04C	BONDS - ICSDS SETTLEMENT PROVISIONAL BALANCES FOR SETTLEMENT AGENT				
	D04B	BONDS - ICSDS SETTLEMENT FINAL BALANCES				
	D04A	BONDS - ICSDS SETTLEMENT PROVISIONAL BALANCES				
	D03F	XCOM-SPOT LEG FAIL POSITIONS X DELIVER				
	D03E	XCOM-SPOT LEG FAIL POSITIONS BY MEMBER				
	D03D	XCOM-COLLATERAL POSITIONS PER DELIVER				

Table columns description:

Report Type	Report type identification code
Description	Report description
PDF	PDF Report availability status and zipped file size
XML	XML Report availability status and zipped file size
TXT	TXT Report availability status and zipped file size
ZIP	ZIP Report availability status and zipped file size (Only for RISK file)
GCM	GCM Participant Code the report refers to

Operational steps description:

1. Select the Date and press Download button to view available reports for that date.
2. For General Clearing Members, more than one tab will appear, allowing to choose the NCM for which you want to download the report.
3. Select the row of the desired report and right click on the row. Depending on the availability of the formats, you will be able to open them (“Show Report as”) or save them in the local PC (“Save Report as”).



Please notice
For Risk file only the “Save report as” functionality is available.

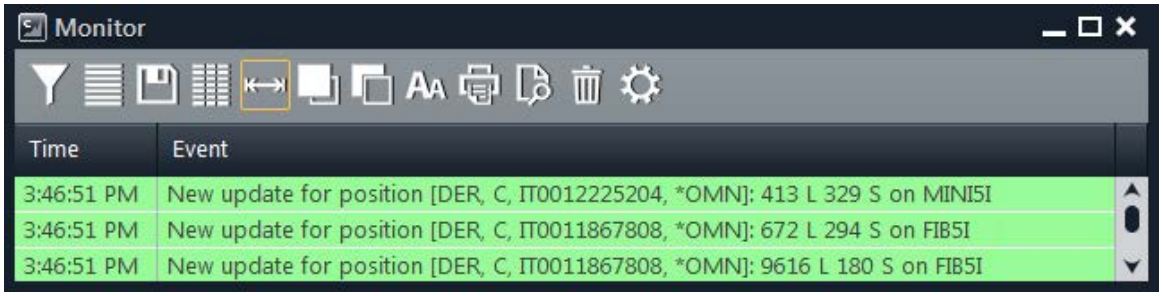
The report window always shows the most recent version of a report, in case more than one update is sent during the same day.
After the selection, the download of the report will start, showing a progress bar that will alert about the remaining and the elapsed time for this action.
The user can abort the download clicking on the *Break* button and then on *Close*.

10.0 Tools

This menu allows to access the Monito and the Intraday Margin Calls windows.

10.1 Monitor

The Monitor windows shows in real time the list of clearing events previously subscribed by the user. This window is automatically opened by the GUI after the login and show any event generated from that moment on related to the member. For General Clearing Members, also Non-Clearing Members events are shown. New events are automatically shown as soon as they are managed by the clearing system, without having to manually refresh the window.


Monitor
Time
Event
3:46:51 PM
New update for position [DER, C, IT0012225204, *OMN]: 413 L 329 S on MINI5I
3:46:51 PM
New update for position [DER, C, IT0011867808, *OMN]: 672 L 294 S on FIB5I
3:46:51 PM
New update for position [DER, C, IT0011867808, *OMN]: 9616 L 180 S on FIB5I

By default, only a subset of clearing events are subscribed for the notification. The user could customize the list of events to be shown in this window by clicking the *Settings* button in the toolbar.

The *Settings* button allows the user to select which clearing events to be shown in the Monitor window. It's also possible to select the *Always Show on Top* and the *Open at Startup* options. To enable any change, the user should click the *Ok* button.

The *Clear Messages* button allows to clear the Monitor window deleting all the listed events.

Clicking on any event in the Monitor window will open the corresponding window of the GUI where the information of that event is displayed.

It’s possible to change the colors of the events by clicking on the *Background* button in the toolbar. It’s possible to define a color for every type of clearing event.

Table columns description:

Time	Timestamp of the reception of the clearing event message
Event	Description of the clearing event

10.2Intraday Margin Call

This window shows the requests of additional intraday margins issued by the clearing system to the participant.

This window will be automatically shown when a new intraday margin call will be required by the clearing system to the clearing member or to one of its NCMs. In this case one tab for each NCM will be shown.

Table columns description:

Sequence Number	Identifier of the request
Date	Date of the request
Account Type	Account Type
Initial Margin	Initial Margin
Variation Margin	Variation Margin
Premium Margin	Premium Margin
Net Margin	Net Margin
Asset	Guarantees Amount

Requested amount	Requested Amount
Percent Variation	Percent Variation
Margin Call Type	Margin Call Type

11.0 Appendix A – Regular Expressions

A regular expression is a string (sequence of characters) built with a proper syntax, which express characteristics shared by a set of strings.

Assume you intend to use a notation to indicate all the strings which begin by ‘a’ and end by ‘o’: we will write ‘a*o’ to indicate all these strings which share the characteristic to start by ‘a’ and end by ’o’ The following strings belong to the set mentioned above ‘ao’, ’ago’, ’also’ but not ‘aristotelis’ or ‘psycho’. The character ‘*’ used into the regular expression indicate whatever sequence of characters.

Let’s see the syntax to be used for regular expressions and the meaning of each abbreviation:

x	“x” character
[]	Finds a single character into the brackets. For instance,[abc] looks for an ‘a’, a ‘b’ or a ‘c’.[a-z] is an interval and finds every small character of the alphabet. Mixed cases can occur: [abcq-z] looks for b, c, q, r, s, t, u, v, w, x, y, z, just as [a-cq-z].
[^]	Finds every small character not included into the brackets. For instance, [^abc] finds all the characters different than “a”, “b”, o “c”. [^az] looks for every character different than small letter
^	Indicates the beginning of the string
$	Indicates the end of the string
()	Define a sub expression
X?	X which recurs 0 or one time
X*	X which recurs 0 or several times
X+	X Which recurs at least once
X{n}	X which recurs twice exactly
X{n,}	X which recurs at least n times
X{n,m}	X which recurs at least n times and no more than m times
XY	X followed by Y
X|Y	X or Y

X and Y are regular expressions

Some examples follows:

[ab]* = all the strings which start by a or b

[^a-c]*a$ = all the strings which start by “a”, “b” e “c” but which end by “a”

s{2} = all the strings which have two “s” at any point of the sequence

*cu(t|p) =strings which end by ”cut” and “cup”

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